850 Purchase Order

X12/V4030/850 : 850 Purchase Order

Version: 1.0 Draft

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850 Purchase Order

Functional Group=PO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use
0500	REF	Reference Identification	M	>1			Used
0500	REF	Reference Identification	O	>1			Used
0500	REF	Reference Identification	O	>1			Used
0500	REF	Reference Identification	O	>1			Used
0500	REF	Reference Identification	O	>1			Used
0800	FOB	F.O.B. Related Instructions	O	>1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
1500	DTM	Date/Time Reference	O	10			Used
1500	DTM	Date/Time Reference	O	10			Used
1500	DTM	Date/Time Reference	O	10			Used
1500	DTM	Date/Time Reference	O	10			Used
1500	DTM	Date/Time Reference	O	10			Used
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1			Used

LOOP ID - N1					200		
3100	N1	Name	O	1			Used
3300	N3	Address Information	O	2			Used
3400	N4	Geographic Location	O	>1			Used

LOOP ID - N1					200		
3100	N1	Name	O	1			Used
3300	N3	Address Information	O	2			Used
3400	N4	Geographic Location	O	>1			Used

LOOP ID - N1					200		
3100	N1	Name	O	1			Used
3300	N3	Address Information	O	2			Used
3400	N4	Geographic Location	O	>1			Used

LOOP ID - N1					200		
3100	N1	Name	O	1			Used
3300	N3	Address Information	O	2			Used
3400	N4	Geographic Location	O	>1			Used
3600	PER	Administrative Communications Contact	O	>1			Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - CTP					**>1**		
0400	CTP	Pricing Information	O	1			Used
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Used
0900	PO4	Item Physical Details	O	>1			Used
1900	SDQ	Destination Quantity	O	500			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	AMT	Monetary Amount	O	1		N3/0200	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/0100L PO102 is required.

2/0100 PO102 is required.

3/0100L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0200 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 16**

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code identifying the type of information in the Authorization Information

CodeList Summary (Total Codes: 7, Included: 1)

Code Name

00   No Authorization Information Present (No Meaningful Information in I02)

ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use

Description: Code identifying the type of information in the Security Information

CodeList Summary (Total Codes: 2, Included: 1)

Code Name

00   No Security Information Present (No Meaningful Information in I04)

ISA04	I04	**Security Information**	M	AN	10/10	Must use

Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 41, Included: 1)

Code Name

ZZ   Mutually Defined

ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

Note: *Family Dollar ID: FAMILYDOLLAR*

ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Code indicating the system/method

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **Note:** *Receiver ID*				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Note:** *Family Dollar uses - : (HEX3A)*				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				

CodeList Summary (Total Codes: 15, Included: 1)

Code	Name
00403	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
0	No Acknowledgment Requested

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				

CodeList Summary (Total Codes: 3, Included: 2)

Code   **Name**

P   Production Data

T   Test Data

ISA16	I15	**Component Element Separator**	M	1/1	Must use

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Note: *Element separator: ***
Segment terminator: ~
Component separator: >

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 8**

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 263, Included: 1)

Code Name

PO   Purchase Order (850)

GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

Note: *Family Dollar ID: FAMILYDOLLAR*

GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

Note: *Receiver ID*

GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

GS05	337	**Time**	M	TM	4/8	Must use

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CodeList Summary (Total Codes: 2, Included: 1)

Code Name

X   Accredited Standards Committee X12

GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 41, Included: 1)

Code	Name
004030	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1999

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

<div style="border:1px solid black">

Pos: 0100   **Max: 1**

Heading - Mandatory

Loop: N/A   **Elements: 2**

</div>

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 314, Included: 1)

Code	Name
850	Purchase Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

BEG Beginning Segment for Purchase Order

Pos: 0200	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 5**

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 1)

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG02	92	**Purchase Order Type Code**	M	ID	2/2	Must use

Description: Code specifying the type of Purchase Order

CodeList Summary (Total Codes: 71, Included: 2)

Code	Name
BK	Blanket Order (Quantity Firm)
NE	New Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG03	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG04	328	**Release Number**	O	AN	1/30	Must use

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG05	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

REF **Reference Identification**

Pos: 0500	Max: >1
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1631, Included: 1)

<u>Code</u>	<u>Name</u>
VR	Vendor ID Number

REF02	127	**Reference Identification**	X	AN	1/50	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Note: *Family Dollar Internal Vendor Number*

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Identification

<div style="border:1px solid black">

Pos: 0500   **Max: >1**

Heading - Optional

Loop: N/A   **Elements: 3**

</div>

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1631, Included: 1)

Code	Name
06	System Number

Description: *Oracle ID from retailers system and must be returned in a REF segment on the invoice.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/50	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF03	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF   Reference Identification

Pos: 0500   Max: >1
Heading - Optional
Loop: N/A   Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1631, Included: 1)

Code	Name
DP	Department Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/50	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF **Reference Identification**

Pos: 0500	**Max: >1**
Heading - Optional	
Loop: N/A	**Elements: 2**

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

> **Description:** Code qualifying the Reference Identification

> **CodeList Summary** (Total Codes: 1631, Included: 1)

> **Code** **Name**
>
> MR   Merchandise Type Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/50	Used

> **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
>
> **Note:** *MERCH*

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Identification

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1631, Included: 1)

Code Name

ZZ   Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/50	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

FOB F.O.B. Related Instructions

Pos: 0800	**Max: >1**
Heading - Optional	
Loop: N/A	**Elements: 3**

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 31, Included: 6)

Code	Name
CC	Collect
CD	Collect on Delivery
DF	Defined by Buyer and Seller
MX	Mixed
PC	Prepaid but Charged to Customer
PP	Prepaid (by Seller)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB06	309	**Location Qualifier**	X	ID	1/2	Used

Description: Code identifying type of location

CodeList Summary (Total Codes: 176, Included: 1)

Code	Name
DE	Destination (Shipping)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB07	352	**Description**	O	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300   **Max: >1**

Heading - Optional

Loop: N/A   **Elements: 1**

User Option (Usage): Used

Purpose: To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD12	352	**Description**	O	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

DTM   Date/Time Reference

<div style="border:1px solid black">

Pos: 1500   **Max: 10**

Heading - Optional

Loop: N/A   **Elements: 2**

</div>

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1226, Included: 1)

Code	Name
037	Ship Not Before

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

DTM Date/Time Reference

Pos: 1500   **Max: 10**

Heading - Optional

Loop: N/A   **Elements: 2**

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1226, Included: 1)

Code	Name
017	Estimated Delivery

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

DTM   Date/Time Reference

<table>
<tr><td>Pos: 1500</td><td>Max: 10</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1226, Included: 1)

Code	Name
038	Ship No Later

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

DTM Date/Time Reference

Pos: 1500   **Max: 10**

Heading - Optional

Loop: N/A   **Elements: 2**

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1226, Included: 1)

Code	Name
061	Cancel if Not Delivered by

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

DTM Date/Time Reference

Pos: 1500	**Max: 10**
Heading - Optional	
Loop: N/A	**Elements: 2**

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1226, Included: 1)

Code Name

004   Purchase Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400   Max: >1

Heading - Optional

Loop: N/A   Elements: 3

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD505	387	**Routing**	X	AN	1/35	Used

Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Note: *www.familydollar.com/pdfs/rsp.pdf*

TD507	309	**Location Qualifier**	O	ID	1/2	Used

Description: Code identifying type of location

CodeList Summary (Total Codes: 176, Included: 1)

Code Name

ZZ   Mutually Defined

TD508	310	**Location Identifier**	X	AN	1/30	Used

Description: Code which identifies a specific location

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

N1 Name

Pos: 3100	**Max: 1**
Heading - Optional	
Loop: N1	**Elements: 2**

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1446, Included: 1)

Code	Name
VN	Vendor

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Address Information

Pos: 3300		**Max: 2**
	Heading - Optional	
Loop: N1		**Elements: 2**

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 3400	**Max: >1**
Heading - Optional	
Loop: N1	**Elements: 3**

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

N1 Name

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1446, Included: 1)

Code	Name
BT	Bill-to-Party

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Note: *Family Dollar Stores, Inc.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 223, Included: 1)

Code	Name
1	D-U-N-S Number, Dun & Bradstreet

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

Note: *024472631*

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Address Information

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use

Description: Address information

Note: *P.O. Box 1017*

N4　Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used

　　　　　　Description: Free-form text for city name

　　　　　　Note: *Charlotte*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N402	156	**State or Province Code**	X	ID	2/2	Used

　　　　　　Description: Code (Standard State/Province) as defined by appropriate government agency

　　　　　　Note: *NC*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N403	116	**Postal Code**	O	ID	3/15	Used

　　　　　　Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

　　　　　　Note: *282011017*

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

N1 **Name**

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1446, Included: 1)

Code	Name
RI	Remit To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3   Address Information

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use

Description: Address information

N4 **Geographic Location**

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used

Description: Free-form text for city name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N402	156	**State or Province Code**	X	ID	2/2	Used

Description: Code (Standard State/Province) as defined by appropriate government agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N403	116	**Postal Code**	O	ID	3/15	Used

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

N1 Name

<div style="border:1px solid">

Pos: 3100   **Max: 1**

Heading - Optional

Loop: N1   **Elements: 2**

</div>

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1446, Included: 1)

Code	Name
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Note: *Family Dollar DC location Name*

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Note:

This Loop for the ST qualifier will repeat as many times as needed for the different DC Locations included in this purchase order.

N3 Address Information

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use

Description: Address information

Note: *Family Dollar DC location address*

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used

Description: Free-form text for city name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N402	156	**State or Province Code**	X	ID	2/2	Used

Description: Code (Standard State/Province) as defined by appropriate government agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N403	116	**Postal Code**	O	ID	3/15	Used

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 4**

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 234, Included: 1)

Code **Name**
TA   Traffic Administrator

| PER02 | 93 | **Name** | O | AN | 1/60 | Used |

Description: Free-form name

| PER03 | 365 | **Communication Number Qualifier** | X | ID | 2/2 | Used |

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 1)

Code **Name**
TE   Telephone

| PER04 | 364 | **Communication Number** | X | AN | 1/256 | Used |

Description: Complete communications number including country or area code when applicable
Note: *www.familydollar.com/PDFs/RSP2003.pdf*

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

PO1 **Baseline Item Data**

<table>
<tr><td>**Pos: 0100**</td><td>**Max: 1**</td></tr>
<tr><td colspan="2" align="center">**Detail - Mandatory**</td></tr>
<tr><td>**Loop: PO1**</td><td>**Elements: 11**</td></tr>
</table>

User Option (Usage): Must use

Purpose: To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO102	330	**Quantity Ordered**	X	R	1/15	Used
		Description: Quantity ordered				
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

CodeList Summary (Total Codes: 803, Included: 2)

Code	Name
CA	Case
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO104	212	**Unit Price**	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
		Note: *Unit Price will always be in each cost whether the quantity is in each or case.*				
PO105	639	**Basis of Unit Price Code**	O	ID	2/2	Used
		Description: Code identifying the type of unit price for an item				

CodeList Summary (Total Codes: 91, Included: 1)

Code	Name
UM	Price per Unit of Measure

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO106	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

CodeList Summary (Total Codes: 505, Included: 1)

Code	Name
SK	Stock Keeping Unit (SKU)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO107	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO108	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		ID (234)				

CodeList Summary (Total Codes: 505, Included: 1)

Code Name

ST   Style Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO109	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO110	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 505, Included: 2)

Code Name

UA   U.P.C./EAN Case Code (2-5-5)

UP   UCC - 12

   Description: *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO111	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

CTP   Pricing Information

User Option (Usage): Used

Purpose: To specify pricing information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP02	236	**Price Identifier Code**	X	ID	3/3	Used

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 167, Included: 1)

Code	Name
RTL	Retail

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP03	212	**Unit Price**	X	R	1/17	Used

Description: Price per unit of product, service, commodity, etc.

Syntax Rules:

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

PID Product/Item Description

Pos: 0500   **Max: 1**

Detail - Optional

Loop: PID   **Elements: 2**

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use

Description: Code indicating the format of a description

CodeList Summary (Total Codes: 3, Included: 1)

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID05	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PO4   Item Physical Details

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	**Pack**	O	N0	1/6	Used

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO414	810	**Inner Pack**	O	N0	1/6	Used

Description: The number of eaches per inner container

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

SDQ Destination Quantity

<table>
<tr><td>Pos: 1900</td><td>Max: 500</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: PO1</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify destination and quantity detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 803, Included: 2)

Code	Name
CA	Case
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ02	66	**Identification Code Qualifier**	O	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

Note: *Family Dollar uses: WH*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ03	67	**Identification Code**	M	AN	2/80	Must use

Description: Code identifying a party or other code

Note: *DC Location Number*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ04	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Note:

This loop will repeat for a SKU and the corresponding locations to let the vendor know how much of this item is to be delivered to each
location.

CTT Transaction Totals

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
CTT02	347	**Hash Total**	O	R	1/10	Used
		Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

AMT Monetary Amount

User Option (Usage): Used

Purpose: To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code**	M	ID	1/3	Must use

Description: Code to qualify amount

CodeList Summary (Total Codes: 1696, Included: 1)

Code	Name
TT	Total Transaction Amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT02	782	**Monetary Amount**	M	R	1/18	Must use

Description: Monetary amount

SE **Transaction Set Trailer**

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE   Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				