DESIGNER BRANDS

Better Data | Faster Insight

850 Purchase Order

X12/V4010/850 : 850 Purchase Order

Version: 3.7

Author: Spice Technology Group
Company: Designer Brands Canada
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Notes

Prepared By:
SPICE Technology Group
2425 Matheson Boulevard E,
8th Floor,
Mississauga, Ontario
Canada L4W 5K4

EDI TRADING PARTNER PROFILE

CONTACT INFORMATION
Designer Brands Canada edi@designerbrands.com
Spice Connect Support 888-400-7950 x300 connectsupport@spicetg.com

EDI INFORMATION:
VAN: Loren Data (ECGrid)
AS2: Available
SFTP: Preferred

Portal: https://www.connectspice.com/portal/

ISA Qualifier: ZZ
ISA ID: DBCANADA
GS ID: DBCANADA
ISA Production: P
Standards: ANSI X12 Version 4010

DOCUMENTS SUPPORTED
832 Catalog
850 Purchase Order
860 Purchase Order Change
856 ASN
997 Functional Acknowledgment
810 Invoice (***Future***)

GUIDE RELEASE NOTES:
Mar 27, 2014 Initial release
April 16, 2014 Add REF, note including physical warehouse address
June 23, 2014 Add clarification of REF DP (Department)
July 18, 2014 Correct PID element number
Aug 21, 2014 Correct POC element numbers and add notes to POC03 & POC04
Sept 9, 2014 Correct PO1 Unit of Measure
Sept 29, 2014 Add portal URL change column heading; add notes to POC08 & 09; adjust formatting Oct 27, 2014 Correct PO1 item qualifier
Nov 24, 2014 Correct PID
Feb 11, 2015 Change contact info
June 21, 2016 Add N3 and N4
Oct 24, 2016 Add MSG usage note
February12, 2019 - Updated VAN details and contacts
August 1, 2019 - Updated logo and changed Company Name to Designer Brands Canada
April 21, 2022 - Updated EDI ID and Contact Email Addresses
October 06, 2026 - Updated Contact Email Addresses

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850 Purchase Order

Functional Group=PO

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BEG	Beginning Segment for Purchase Order	M	1			Must use
040	CUR	Currency	O	1			Must use
050	REF	Reference Identification	O	>1			Must use
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Must use
150	DTM	Date/Time Reference	O	10			Must use
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
LOOP ID - N9					**1000**		
295	N9	Reference Identification	O	1			Used
300	MSG	Message Text	O	1000			Used
LOOP ID - N1					**200**		
310	N1	Name	O	1			Must use
330	N3	Address Information	O	2			Used
340	N4	Geographic Location	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/010L**	
010	PO1	Baseline Item Data	M	1		N2/010	Must use
LOOP ID - CTP					**>1**		
040	CTP	Pricing Information	O	1			Used
LOOP ID - PID					**1000**		
050	PID	Product/Item Description	O	1			Used
090	PO4	Item Physical Details	O	>1			Must use
190	SDQ	Destination Quantity	O	500			Used
289	MSG	Message Text	O	>1			Used
LOOP ID - SLN					**1000**		
470	SLN	Subline Item Detail	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/010L**	
010	CTT	Transaction Totals	O	1		N3/010	Must use
030	SE	Transaction Set Trailer	M	1			Must use

User Note 1: *Although some of these segments may be listed as optional (O) by the ANSI Standard, all listed here are those which Designer Brands Canada will send. If you have any concerns about what we send, please contact our edi supplier, Spice Group at connectsupport@spicetg.com*

User Note 1: *Although some of these segments may be listed as optional (O) by the ANSI Standard, all listed here are those which Designer Brands Canada will send. If you have any concerns about what we send, please contact our edi supplier, Spice Group at connectsupport@spicetg.com*

ST Transaction Set Header

Heading - Mandatory

Pos: 010	**Max: 1**
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Code **Name**				
		850 Purchase Order				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Beginning Segment for

BEG Purchase Order

Heading - Mandatory

Pos: 020 **Max: 1**

Loop: N/A **Elements: 5**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Code **Name**				
		00 Original				
BEG02	92	**Purchase Order Type Code**	M	ID	2/2	Must use
		Code **Name**				
		SA Stand-alone Order				
BEG03	324	**Purchase Order Number**	M	AN	1/22	Must use
BEG04	328	**Release Number**	O	AN	1/30	Not used
BEG05	373	**Date**	M	DT	8/8	Must use

CUR Currency

Heading - Optional

Pos: 040	Max: 1
Loop: N/A	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code** **Code Name** SE Selling Party	M	ID	2/3	Must use
CUR02	100	**Currency Code**	M	ID	3/3	Must use

REF Reference Identification

Heading - Optional

Pos: 050	Max: >1
Loop: N/A	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		User Note 1: *Either IA or IT will be sent, plus DP.*				
		User Note 2: *DP represents Designer Brands Canada BANNER. Please return on the 856. On manual PO's, the banner was sent as a ship to code. For EDI, the N1 Ship To code is 999 for the warehouse, and the Banner is carried in the REF.*				
		Code **Name** DP Department Number IA Internal Vendor Number IT Internal Customer Number				
REF02	127	**Reference Identification**	X	AN	1/30	Must use

ITD

Terms of Sale/Deferred Terms of Sale

Pos: 130 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 5**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD01	336	**Terms Type Code**	O	ID	2/2	Used
		Code Name 01 Basic 02 End of Month (EOM)				
ITD02	333	**Terms Basis Date Code**	O	ID	1/2	Used
		Code Name 2 Delivery Date 3 Invoice Date				
ITD03	338	**Terms Discount Percent**	O	R	1/6	Used
ITD05	351	**Terms Discount Days Due**	X	N0	1/3	Used
ITD07	386	**Terms Net Days**	O	N0	1/3	Used

DTM Date/Time Reference

Heading - Optional

Pos: 150	**Max: 10**
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Code Name 037 Ship Not Before 038 Ship No Later 064 Do Not Deliver Before				
DTM02	373	**Date**	X	DT	8/8	Must use

TD5 Carrier Details (Routing Sequence/Transit Time)

Heading - Optional

Pos: 240	Max: 12
Loop: N/A	Elements: 2

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Code Name 2 Standard Carrier Alpha Code (SCAC) 92 Assigned by Buyer or Buyer's Agent				
TD503	67	**Identification Code**	X	AN	2/80	Used

N9 Reference Identification

Heading - Optional

Pos: 295	Max: 1
Loop: N9	Elements: 2

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Code **Name**				
		L1 Letters or Notes				
N902	127	**Reference Identification**	X	AN	1/30	Used
		User Note 1: *REFERENCE NOTES*				

MSG Message Text

Heading - Optional

Pos: 300	**Max: 1000**
Loop: N9	**Elements: 1**

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MSG01	933	**Free-Form Message Text**	M	AN	1/264	Must use

N1 Name

Pos: 310 **Max: 1**
Heading - Optional
Loop: N1 **Elements: 4**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Code Name** ST Ship To	M	ID	2/3	Must use
N102	93	**Name**	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Code Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code**	X	AN	2/80	Must use

User Note 1: *Code is 999. See REF*DP for Banner.*

User Note 2: *NLS Warehouse address is:*
105 Iron St
Toronto, ON Can

M92 5L9

N3 Address Information

Heading - Optional

Pos: 330	**Max: 2**
Loop: N1	**Elements: 2**

User Option (Usage): Used

Element Summary:

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

N4 Geographic Location

Heading - Optional

Pos: 340	**Max: >1**
Loop: N1	**Elements: 4**

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
N402	156	**State or Province Code**	O	ID	2/2	Used
N403	116	**Postal Code**	O	ID	3/15	Used
N404	26	**Country Code**	O	ID	2/3	Used

PO1 Baseline Item Data

Detail - Mandatory

Pos: 010	Max: 1
Loop: PO1	Elements: 13

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Must use
PO102	330	**Quantity Ordered**	X	R	1/15	Must use
PO103	355	**Unit or Basis for Measurement Code** **Code Name** CA Case EA Each	O	ID	2/2	Must use
PO104	212	**Unit Price**	X	R	1/17	Must use
PO105	639	**Basis of Unit Price Code** **Code Name** WE Wholesale Price per Each	O	ID	2/2	Used
PO106	235	**Product/Service ID Qualifier** **User Note 1:** *If the PO is a solid: Barcode Type (UP=UPCA, EN=EAN, SK=GTIN) This will match the value given to DBC in the vendor catalog.* *If the PO1 is a prepack: IN = DBC's barcode for the prepack.* **Code Name** EN European Article Number (EAN) (2-5-5-1) IN Buyer's Item Number SK Stock Keeping Unit (SKU) UP U.P.C. Consumer Package Code (1-5-5-1)	X	ID	2/2	Must use
PO107	234	**Product/Service ID** **User Note 1:** *If solid, vendor barcode If prepack, DBC barcode*	X	AN	1/48	Must use
PO108	235	**Product/Service ID Qualifier** **Code Name** IT Buyer's Style Number VA Vendor's Style Number	X	ID	2/2	Used
PO109	234	**Product/Service ID**	X	AN	1/48	Used
PO110	235	**Product/Service ID Qualifier** **Code Name** BO Buyers Color VE Vendor Color	X	ID	2/2	Used
PO111	234	**Product/Service ID**	X	AN	1/48	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO112	235	**Product/Service ID Qualifier** **Code Name** IZ Buyer's Size Code JP Package Type Code	X	ID	2/2	Used
PO113	234	**Product/Service ID**	X	AN	1/48	Used
		User Note 1: *IZ = Dimension / Buyer Size JP = Designer Brands Canada Prepack*				

CTP Pricing Information

Detail - Optional

Pos: 040	Max: 1
Loop: CTP	Elements: 2

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP02	236	**Price Identifier Code**	X	ID	3/3	Used
		Code Name				
		RES Resale				
CTP03	212	**Unit Price**	X	R	1/17	Used

PID Product/Item Description

Detail - Optional

Pos: 050	Max: 1
Loop: PID	Elements: 2

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Code Name** F Free- form	M	ID	1/1	Must use
PID05	352	**Description**	X	AN	1/80	Must use

PO4 Item Physical Details

Detail - Optional

Pos: 090	**Max: >1**
Loop: PO1	**Elements: 3**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	**Pack**	O	N0	1/6	Used
PO402	357	**Size**	X	R	1/8	Used
PO403	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Code **Name**				
		EA Each				

SDQ Destination Quantity

Detail - Optional

Pos: 190	Max: 500
Loop: PO1	Elements: 23

User Option (Usage): Used

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
		Code Name EA Each				
SDQ02	66	**Identification Code Qualifier**	O	ID	1/2	Used
		Code Name 92 Assigned by Buyer or Buyer's Agent				
SDQ03	67	**Identification Code**	M	AN	2/80	Must use
SDQ04	380	**Quantity**	M	R	1/15	Must use
SDQ05	67	**Identification Code**	X	AN	2/80	Used
SDQ06	380	**Quantity**	X	R	1/15	Used
SDQ07	67	**Identification Code**	X	AN	2/80	Used
SDQ08	380	**Quantity**	X	R	1/15	Used
SDQ09	67	**Identification Code**	X	AN	2/80	Used
SDQ10	380	**Quantity**	X	R	1/15	Used
SDQ11	67	**Identification Code**	X	AN	2/80	Used
SDQ12	380	**Quantity**	X	R	1/15	Used
SDQ13	67	**Identification Code**	X	AN	2/80	Used
SDQ14	380	**Quantity**	X	R	1/15	Used
SDQ15	67	**Identification Code**	X	AN	2/80	Used
SDQ16	380	**Quantity**	X	R	1/15	Used
SDQ17	67	**Identification Code**	X	AN	2/80	Used
SDQ18	380	**Quantity**	X	R	1/15	Used
SDQ19	67	**Identification Code**	X	AN	2/80	Used
SDQ20	380	**Quantity**	X	R	1/15	Used
SDQ21	67	**Identification Code**	X	AN	2/80	Used
SDQ22	380	**Quantity**	X	R	1/15	Used
SDQ23	310	**Location Identifier**	O	AN	1/30	Used

MSG Message Text

Detail - Optional

Pos: 289	**Max: >1**
Loop: PO1	**Elements: 1**

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MSG01	933	**Free-Form Message Text**	M	AN	1/264	Must use

User Note 1:

The MSG could contain prepack information (description) and other information relevant to the item.

SLN Subline Item Detail

Detail - Optional

Pos: 470	Max: 1
Loop: SLN	Elements: 14

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/20	Must use
SLN03	662	**Relationship Code**	M	ID	1/1	Must use
		Code Name I Included				
SLN04	380	**Quantity**	X	R	1/15	Used
SLN05	C001	**Composite Unit of Measure**	X	Comp		Used
SLN05-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Code Name EA Each				
SLN06	212	**Unit Price**	X	R	1/17	Used
SLN07	639	**Basis of Unit Price Code**	O	ID	2/2	Used
		Code Name WE Wholesale Price per Each				
SLN09	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Code Name EN European Article Number (EAN) (2-5-5-1) SK Stock Keeping Unit (SKU) UP U.P.C. Consumer Package Code (1-5-5-1)				
SLN10	234	**Product/Service ID**	X	AN	1/48	Used
SLN11	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Code Name IT Buyer's Style Number VA Vendor's Style Number				
SLN12	234	**Product/Service ID**	X	AN	1/48	Used
SLN13	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Code Name BO Buyers Color VE Vendor Color				
SLN14	234	**Product/Service ID**	X	AN	1/48	Used
SLN15	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

User Note 1: *IZ = Dimension / Buyer Size*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		JP = Designer Brands Canada Prepack Code				
		Code Name IZ Buyer's Size Code SM National Retail Merchants Association Size Code				
SLN16	234	**Product/Service ID**	X	AN	1/48	Used

CTT Transaction Totals

Summary - Optional

Pos: 010	**Max: 1**
Loop: CTT	**Elements: 1**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use

SE Transaction Set Trailer

Summary - Mandatory

Pos: 030	**Max: 1**
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use