

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
Publication: 10/24/2016

Notes

Prepared By:

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

EDI TRADING PARTNER PROFILE**CONTACT INFORMATION**

Vanessa Schedlich 416-638-5342 x107
Spice Connect Support 888-400-7950 x300

vanessaschedlich@designerbrandscanada.com
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
February 12, 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

Table of Contents

850 Purchase Order	1
ST Transaction Set Header	3
BEG Beginning Segment for Purchase Order	4
CUR Currency	5
REF Reference Identification	6
ITD Terms of Sale/Deferred Terms of Sale	7
DTM Date/Time Reference	8
TD5 Carrier Details (Routing Sequence/Transit Time)	9
N9 Reference Identification	10
MSG Message Text	11
N1 Name	12
N3 Address Information	13
N4 Geographic Location	14
PO1 Baseline Item Data	15
CTP Pricing Information	17
PID Product/Item Description	18
PO4 Item Physical Details	19
SDQ Destination Quantity	20
MSG Message Text	21
SLN Subline Item Detail	22
CTT Transaction Totals	24
SE Transaction Set Trailer	25

850 Purchase Order

Functional Group=PO

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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:

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

BEG

Beginning Segment for Purchase Order

Heading - Mandatory

Pos: 020	Max: 1
Loop: N/A	Elements: 5

User Option (Usage): Must use

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>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		00 Original				
BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		SE Selling Party				
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:

<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

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.

<u>Code</u>	<u>Name</u>
DP	Department Number
IA	Internal Vendor Number
IT	Internal Customer Number

REF02	127	Reference Identification	X	AN	1/30	Must use
-------	-----	--------------------------	---	----	------	----------

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	O	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		01 Basic				
		02 End of Month (EOM)				
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
		<u>Code</u> <u>Name</u>				
		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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u>				
		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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD502	66	Identification Code Qualifier	X	ID	1/2	Used
		<u>Code Name</u>				
		2 Standard Carrier Alpha Code (SCAC)				
		92Assigned 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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	O	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		CA Case				
		EA Each				
PO104	212	Unit Price	X	R	1/17	Must use
PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		WE Wholesale Price per Each				
PO106	235	Product/Service ID Qualifier	X	ID	2/2	Must use
		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.				
		<u>Code</u> <u>Name</u>				
		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)				
PO107	234	Product/Service ID	X	AN	1/48	Must use
		User Note 1: If solid, vendor barcode If prepack, DBC barcode				
PO108	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		IT Buyer's Style Number				
		VA Vendor's Style Number				
PO109	234	Product/Service ID	X	AN	1/48	Used
PO110	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		BO Buyers Color				
		VE Vendor Color				
PO111	234	Product/Service ID	X	AN	1/48	Used

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

CTP Pricing Information

Detail - Optional

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

User Option (Usage): Used

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>
CTP02	236	Price Identifier Code	X	ID	3/3	Used
		<u>Code</u> <u>Name</u>				
		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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use
		<u>Code Name</u>				
		F Free- form				
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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
		<u>Code</u> <u>Name</u>				
		EA Each				

SDQ Destination Quantity

Detail - Optional

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

User Option (Usage): Used

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>
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		EA Each				
SDQ02	66	Identification Code Qualifier	O	ID	1/2	Used
		<u>Code</u> <u>Name</u>				
		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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SLN01	350	Assigned Identification	M	AN	1/20	Must use
SLN03	662	Relationship Code	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		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
		<u>Code</u> <u>Name</u>				
		EA Each				
SLN06	212	Unit Price	X	R	1/17	Used
SLN07	639	Basis of Unit Price Code	O	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		WE Wholesale Price per Each				
SLN09	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		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
		<u>Code</u> <u>Name</u>				
		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
		<u>Code</u> <u>Name</u>				
		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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<i>JP = Designer Brands Canada Prepack Code</i>						
		<u>Code</u> <u>Name</u>				
		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:

<u>Ref</u>	<u>IdElement Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354Number 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:

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