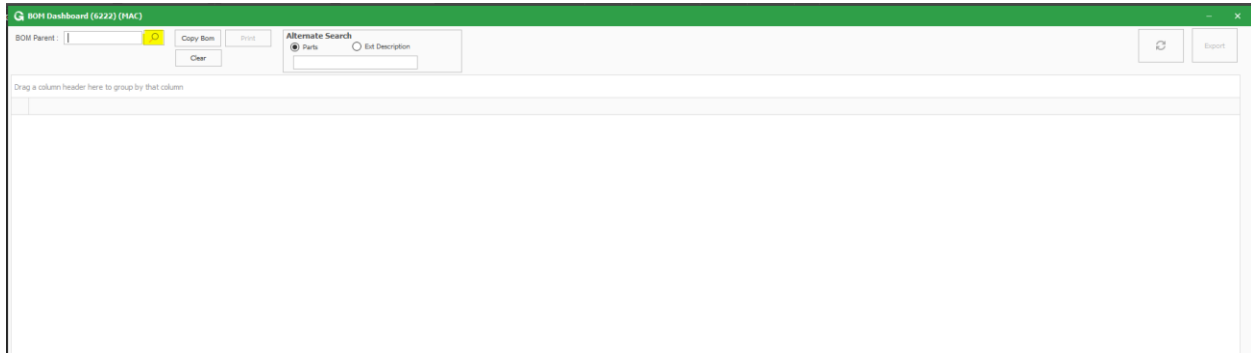


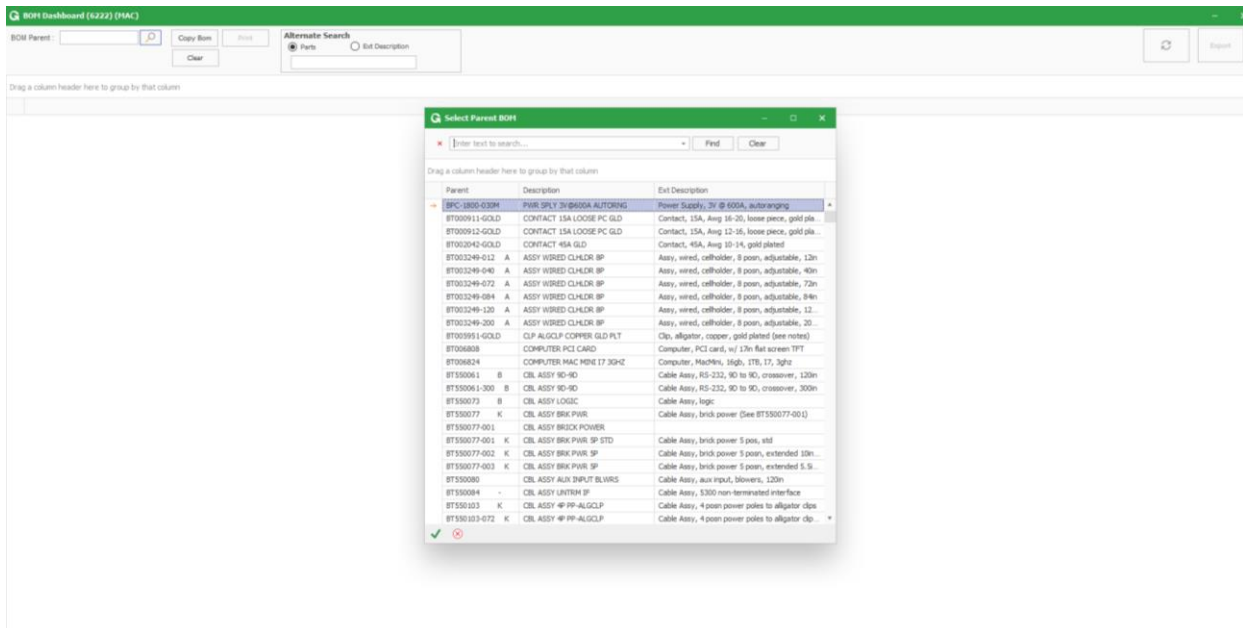
## Project 6222 – Modified BOM Dashboard

Maccor needed the core BOM dashboard to be modified to include Manufacturer's Part and Manufacturer's Name. The core dashboard was transitioned to VB.NET, so we modified the older GAB version of the dashboard (Project 4632). The dashboard was also modified to include Long Part Numbers. The customer mainly uses this dashboard to export the information to a spreadsheet that is then distributed to the Shop Floor.

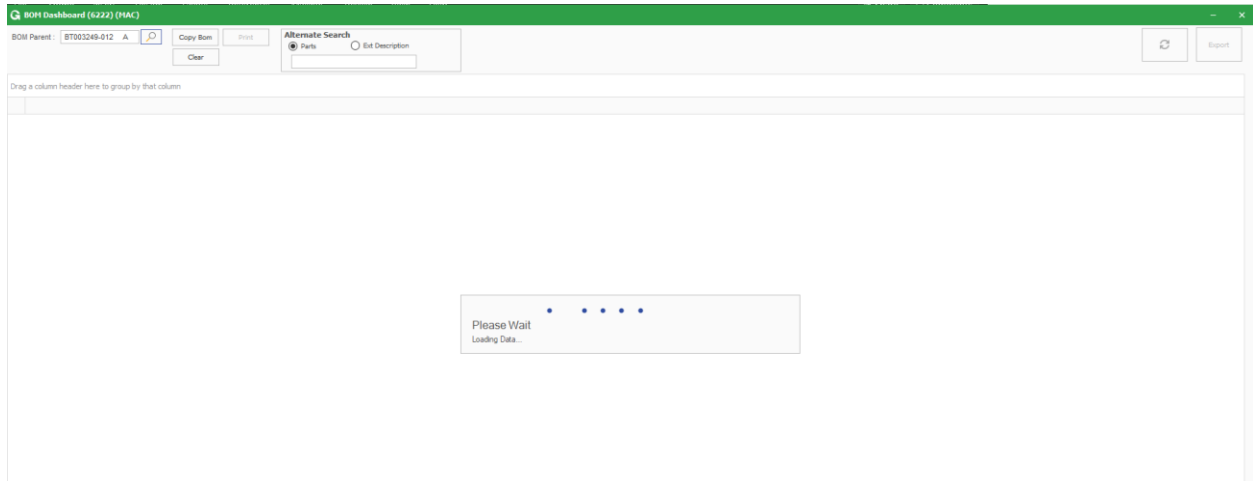
1. After the screen opens, the user needs to select the magnifying glass to select a BOM Parent.



2. The magnifying glass will open a browser with all BOM Parents that currently exist in Global Shop.



- Once the user selects a BOM Parent, the dashboard will explode the BOM and show all Children parts.



- Every part in the dashboard, that has a corresponding Manufacturer's Part and Name, will have a child datatable that can be expanded via the (+).

BOM Dashboard (6222) (PAC)

BOM Parent: BT003249-012

Copy BOM Print Alternate Search Parts Edit Description

Clear

SEQ	Part	DESCRIPTION	Ext Description	UM	Quantity	Manufacturer Part#	Manufacturer Name	BOM Comp	Router Comp	Unit Cost	Parent	On Hand	On 1	BDN1	BDN2	BDN3	Item
+	BT003249-012	ASSY WIRED CLHLD R BP			1.0						Y	0.0	0.0				Supply Demand 000
+	BT003249-012	MACCOR															
+	BT003249-012	HSNG 15/30A RED	Housing, 15/30A, red	EA	8.0	1327	ANDERSON			0.170000		3827.0	2..	MGPLR			Supply Demand 009
+	BT003249-012	HSNG 15/30A ORG	Housing, 15/30A, org	EA	8.0	1327G17	ANDERSON			0.170000		3673.0	2..	MGPLR			Supply Demand 008
+	BT003249-012	HSNG 15/30A BLK	Housing, 15/30A, black	EA	16.0	1327G6	ANDERSON			0.170000		4718.0	4..	MGPLR			Supply Demand 007
+	BT003249-012	CONN PLG W/ W/CH	Connector, plug, 4 posn, w/atch	EA	8.0	1460G1	ANDERSON			0.570000		2022.0	0.0	MGPLR			Supply Demand 006
+	BT003249-012	CBL CLAMP 4P HARDWARE PAK	Cable clamp, 4 posn, hardware pak	EA	8.0	1150G1	ANDERSON			0.510000		1779.0	0.0	MGPLR			Supply Demand 010
+	BT003249-012	CONTACT 15A LOOSE PC GLD	Contact, 15A, Aug 16-20, loose piece, gold plated	EA	16.0	BT000911-GOLD	ANDERSON	Y		0.110000		583.0	1..	MGPLR			Supply Demand 005
+	BT003249-012	CONTACT 15A LOOSE PC GLD	Contact, 15A, Aug 12-16, loose piece, gold plated	EA	16.0	BT000912-GOLD	ANDERSON	Y		0.110000		139.0	0.0	MGPLR			Supply Demand 004
+	BT003249-012	HEATSHRNK 1/4" BLK	Heatshrink, 1/4in, black	EA	16.0	PP-301-1/4-BLK	UNKNOWN			0.000000		0.0	0.0				Supply Demand 003
+	BT003249-012	ASSY CLHLD R BP ADJ			1.0							14.0	0.0				Supply Demand 000
+	BT003249-012	SLEEVING 1/4" BRD EXPNDBL	Sleeving, 1/4in, braided expandable, 0.125 - 0.4..	FT	48.0	8465-0221	SPC			0.200000		0.0	0.0				Supply Demand 002

- The user is then able to export the exploded BOM to an Excel spreadsheet by clicking the 'Export' button.

BOM Dashboard (6222) (PAC)

BOM Parent: BT003249-012

Copy BOM Print Alternate Search Parts Edit Description

Clear

Export

SEQ	Part	DESCRIPTION	Ext Description	UM	Quantity	Manufacturer Part#	Manufacturer Name	BOM Comp	Router Comp	Unit Cost	Parent	On Hand	On 1	BDN1	BDN2	BDN3	Item
+	BT003249-012	ASSY WIRED CLHLD R BP			1.0						Y	0.0	0.0				Supply Demand 000
+	BT003249-012	MACCOR															
+	BT003249-012	HSNG 15/30A RED	Housing, 15/30A, red	EA	8.0	1327	ANDERSON			0.170000		3827.0	2..	MGPLR			Supply Demand 009
+	BT003249-012	HSNG 15/30A ORG	Housing, 15/30A, org	EA	8.0	1327G17	ANDERSON			0.170000		3673.0	2..	MGPLR			Supply Demand 008
+	BT003249-012	HSNG 15/30A BLK	Housing, 15/30A, black	EA	16.0	1327G6	ANDERSON			0.170000		4718.0	4..	MGPLR			Supply Demand 007
+	BT003249-012	CONN PLG W/ W/CH	Connector, plug, 4 posn, w/atch	EA	8.0	1460G1	ANDERSON			0.570000		2022.0	0.0	MGPLR			Supply Demand 006
+	BT003249-012	CBL CLAMP 4P HARDWARE PAK	Cable clamp, 4 posn, hardware pak	EA	8.0	1150G1	ANDERSON			0.510000		1779.0	0.0	MGPLR			Supply Demand 010
+	BT003249-012	CONTACT 15A LOOSE PC GLD	Contact, 15A, Aug 16-20, loose piece, gold plated	EA	16.0	BT000911-GOLD	ANDERSON	Y		0.110000		583.0	1..	MGPLR			Supply Demand 005
+	BT003249-012	CONTACT 15A LOOSE PC GLD	Contact, 15A, Aug 12-16, loose piece, gold plated	EA	16.0	BT000912-GOLD	ANDERSON	Y		0.110000		139.0	0.0	MGPLR			Supply Demand 004
+	BT003249-012	HEATSHRNK 1/4" BLK	Heatshrink, 1/4in, black	EA	16.0	PP-301-1/4-BLK	UNKNOWN			0.000000		0.0	0.0				Supply Demand 003
+	BT003249-012	ASSY CLHLD R BP ADJ			1.0							14.0	0.0				Supply Demand 000
+	BT003249-012	SLEEVING 1/4" BRD EXPNDBL	Sleeving, 1/4in, braided expandable, 0.125 - 0.4..	FT	48.0	8465-0221	SPC			0.200000		0.0	0.0				Supply Demand 002

6. The exported Excel Spreadsheet will show all of the parts, and their children Manufacturing information, as shown below.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
SEQ		Part		DESCRIPTION		Ext Description	UM	Qant	Manufacturer Part#	Manufacturer Name	Corr	Coit	Clare	Ha	Orc	BDN1	BDN2	BDN3		Item		
		BT003249-012_A		ASSY WIRED CHLDR 8P			1.0						Y	0.0	0.0						000	
		Mfr Part#		Mfr Name																		
		BT003249-012		MACCOR																		
1*****		BT000904		HSNG 15/30A RED		Housing, 15/30A, red	EA	8.0	1327	ANDERSON			0	382.200	MGFLR						009	
		1327		ANDERSON																		
1*****		BT000905		HSNG 15/30A ORG		Housing, 15/30A, org	EA	8.0	1327G17	ANDERSON			0	367.200	MGFLR						008	
		Mfr Part#		Mfr Name																		
		1327G17		ANDERSON																		
1*****		BT000906		HSNG 15/30A BLK		Housing, 15/30A, black	EA	16.0	1327G6	ANDERSON			0	471.400	MGFLR						007	
		Mfr Part#		Mfr Name																		
		1327G6		ANDERSON																		
1*****		BT000908		CONN PLG 4P W/LCH		Connector, plug, 4 posn, w/leth	EA	8.0	1460G1	ANDERSON			1	202.0.0	MGFLR						006	
		Mfr Part#		Mfr Name																		
		1460G1		ANDERSON																		
1*****		BT000909		CBL CLAMP 4P HARDWARE PAK		Cable clamp, 4 posn, hardware pak	EA	8.0	115G1	ANDERSON			1	177.0.0	MGFLR						010	
		Mfr Part#		Mfr Name																		
		115G1		ANDERSON																		
1*****		BT000911-GOLD		CONTACT 15A LOOSE PC GLD		Contact, 15A, Avg 16-20, loose piece, gold plated	EA	16.0	BT000911-GOLD	ANDERSON		Y	0	583.137	MGFLR						005	
		Mfr Part#		Mfr Name																		
		BT000911-GOLD		ANDERSON																		
1*****		BT000912-GOLD		CONTACT 15A LOOSE PC GLD		Contact, 15A, Avg 12-16, loose piece, gold plated	EA	16.0	BT000912-GOLD	ANDERSON		Y	0	139.0.0	MGFLR						004	
		Mfr Part#		Mfr Name																		
		BT000912-GOLD		ANDERSON																		
1*****		BT002929		HEATSHRINK 1/4" BLK		Heatshrink, 1/4in, black	EA	16.0	FP-301-1/4-BLK	UNKNOWN			0	0.0.0.0							003	
		Mfr Part#		Mfr Name																		
		FP-301-1/4-BLK		UNKNOWN																		
1*****		BT003249 Rev: A		ASSY CHLDR 8P ADJ			1.0								14.0.0.0						000	
1*****		BT006603		SLEEVING 1/4" BRD EXPNDL		Sleeving, 1/4in, braided expandable, 0.125 - 0.438 FT	FT	48.0	8465-0221	SPC			0	0.0.0.0							002	
		Mfr Part#		Mfr Name																		
		6102500021V (FF 1602)		INSULATION PROD																		
		8465-0221		SPC																		
		GRP 1101/BLK100		ALPHA																		

7. The user is also able to Copy the BOM to a new Parent BOM. If the user clicks the 'Copy Bom' button, it will open a screen to enter the new BOM information.

BOM Dashboard (4222) (MAC)																					
BOM Parent: BT003249-012		<a href="#">Copy Bom</a>		Print		Alternate Search		<input checked="" type="radio"/> Parts <input type="radio"/> Ext Description													
		<a href="#">Clear</a>																		<a href="#">Export</a>	
SEQ	Part	DESCRIPTION	Ext Description	UM	Quantity	Manufacturer Part#	Manufacturer Name	BOM Comp	Router Comp	Unit Cost	Parent	On Hand	On I	BDN1	BDN2	BDN3	Item				
+	BT003249-012_A	ASSY WIRED CHLDR 8P			1.0						Y	0.0	0.0					Supply Demand	000		
+	1***	BT000904	HSNG 15/30A RED	Housing, 15/30A, red	EA	8.0	1327	ANDERSON		0.170000		3827.0	2.0	MGFLR				Supply Demand	009		
+	1***	BT000905	HSNG 15/30A ORG	Housing, 15/30A, org	EA	8.0	1327G17	ANDERSON		0.170000		3673.0	2.0	MGFLR				Supply Demand	008		
+	1***	BT000906	HSNG 15/30A BLK	Housing, 15/30A, black	EA	16.0	1327G6	ANDERSON		0.170000		4718.0	4.0	MGFLR				Supply Demand	007		
+	1***	BT000908	CONN PLG 4P W/LCH	Connector, plug, 4 posn, w/leth	EA	8.0	1460G1	ANDERSON		0.170000		202.0	0.0	MGFLR				Supply Demand	006		
+	1***	BT000909	CBL CLAMP 4P HARDWARE PAK	Cable clamp, 4 posn, hardware pak	EA	8.0	115G1	ANDERSON		0.170000		177.0	0.0	MGFLR				Supply Demand	010		
+	1***	BT000911-GOLD	CONTACT 15A LOOSE PC GLD	Contact, 15A, Avg 15-20, loose piece, gold plated	EA	16.0	BT000911-GOLD	ANDERSON	Y	0.110000		583.0	1.0	MGFLR				Supply Demand	005		
+	1***	BT000912-GOLD	CONTACT 15A LOOSE PC GLD	Contact, 15A, Avg 12-16, loose piece, gold plated	EA	16.0	BT000912-GOLD	ANDERSON	Y	0.110000		139.0	0.0	MGFLR				Supply Demand	004		
+	1***	BT002929	HEATSHRINK 1/4" BLK	Heatshrink, 1/4in, black	EA	16.0	FP-301-1/4-BLK	UNKNOWN		0.000000		0.0	0.0					Supply Demand	003		
+	1***	BT003249 Rev: A	ASSY CHLDR 8P ADJ		1.0							14.0	0.0					Supply Demand	000		
+	1***	BT006603	SLEEVING 1/4" BRD EXPNDL	Sleeving, 1/4in, braided expandable, 0.125 - 0.438	FT	48.0	8465-0221	SPC		0.200000		0.0	0.0					Supply Demand	002		

Parent :

Rev :

Desc :

UM :

PL :

8. After the new information is entered, the Inventory Update screen will open and allow you to enter any other information needed

Inventory System - Update Parts X

---

Date Part Updated 02/11/21      Updated By SUPERVSR      Date Part Created 02/11/21      Created By SUPERVSR

---

Part Number TEST11	Rev A	Loc <input type="text"/>	Prod Line FG	Part Description TEST11	UM EA	Source Purch to Job
-----------------------	----------	-----------------------------	-----------------	----------------------------	----------	------------------------

---

☐ Inactive

☐ Do Not Calc ABC

☐ If Lead = 0, Use 0 When Scheduling

Bin <input type="text"/>	List Price <input type="text"/>	Cost <input type="text"/>	Alt Cost <input type="text"/>	ABC <input type="text"/>	Purch UM <input type="text"/>	Lead Time (Days) 0	Safety Stock <input type="text"/>	Order Quantity <input type="text"/>
Sort Code <input type="text"/>	DEFAULT VENDOR <input type="text"/>	User 1 Defined <input type="text"/>	User 2 Defined <input type="text"/>	Max <input type="text"/>				

---

Alternate Prices

1 Alternate Price 1 <input type="text"/>	2 Alternate Price 2 <input type="text"/>	3 Alternate Price 3 <input type="text"/>	4 Alternate Price 4 <input type="text"/>	5 Alternate Price 5 <input type="text"/>	6 Alternate Price 6 <input type="text"/>	7 Alternate Price 7 <input type="text"/>
8 Alternate Price 8 <input type="text"/>	9 Alternate Price 9 <input type="text"/>	10 Alternate Price 10 <input type="text"/>	11 Alternate Price 11 <input type="text"/>	12 Alternate Price 12 <input type="text"/>	13 Alternate Price 13 <input type="text"/>	14 Alternate Price 14 <input type="text"/>

---

Inventory Status

On Hand 0.0	In Transit 0.0	On Order PO 0.0	On Order WO 0.0	Requirements 0.0	Net 0.0	Reorder Point 0.0
----------------	-------------------	--------------------	--------------------	---------------------	------------	----------------------

---

< >

Save XRef Options Multiple List Usage Amount Hist Loc Status

Lot/Bin Lifo/Fifo Cost Elements K Part Price Lang Desc Project Req

---

Script 1 Script 2 Script 3

---

INPMHINT-INS010B INPMHINT-113020.1422

.NET

9. You can use the Alternate Search to find BOM Parents based on either the Part or the Extended Description. You enter your search value in the text box, hit Enter, and the BOM Parent Browser will Open. You can then select your BOM Parent from that Browser.

The screenshot displays the BOM Dashboard (6222) (HMAC) interface. At the top, there's a header bar with a green background. Below it, a toolbar contains buttons for 'Copy Bom', 'Print', 'Alternate Search', and 'Export'. The 'Alternate Search' button is highlighted in yellow. Below the toolbar, there's a search section with radio buttons for 'Part' and 'Ext Description', and a text input field. The main area shows a BOM table with columns: SEQ, Part, DESCRIPTION, Ext Description, UM, Quantity, Manufacturer Part#, Manufacturer Name, BOM Complex, Router Comp, Unit Cost, Parent, On Hand, On 1, BDN1, BDN2, BDN3, and Item. The table lists various components like HSG 15/30A RED, HSG 15/30A GRG, HSG 15/30A BLK, CONN PLG 4P W/LCH, CBL CLAMP 4P HARDWARE PAK, CONTACT 15A LOOSE PC GLD, CONTACT 15A LOOSE PC GLD, HEATSHRINK 1/4" BLK, ASSY CLHLD 8P ADJ, and SLEEVING 1/4" BRD EXPNDL. A 'Select Parent BOM' dialog box is open in the foreground, showing a list of potential parent BOMs with columns for Parent, Description, and Ext Description. The dialog box has a search bar and a 'Find' button.

SEQ	Part	DESCRIPTION	Ext Description	UM	Quantity	Manufacturer Part#	Manufacturer Name	BOM Complex	Router Comp	Unit Cost	Parent	On Hand	On 1	BDN1	BDN2	BDN3	Item
+	BT003249-512	ASSY WIRED CLHLD 8P			1.0						Y	0.0	0.0				Supply Demand 000
+	BT003249-512	HSG 15/30A RED	Housing, 15/30A, red	EA	8.0	1327	ANDERSON			0.170000		3837.0	2	NGPLR			Supply Demand 009
+	BT003249-512	HSG 15/30A GRG	Housing, 15/30A, org	EA	8.0	1327G17	ANDERSON			0.170000		3673.0	2	NGPLR			Supply Demand 008
+	BT003249-512	HSG 15/30A BLK	Housing, 15/30A, black	EA	36.0	1327G6	ANDERSON			0.170000		4718.0	4	NGPLR			Supply Demand 007
+	BT003249-512	CONN PLG 4P W/LCH	Connector, plug, 4 poen, w/atch	EA	8.0	1460G1	ANDERSON			0.570000		2022.0	0.0	NGPLR			Supply Demand 006
+	BT003249-512	CBL CLAMP 4P HARDWARE PAK	Cable clamp, 4 poen, hardware pak	EA	8.0	115G1	ANDERSON			0.510000		1779.0	0.0	NGPLR			Supply Demand 010
+	BT003249-512	CONTACT 15A LOOSE PC GLD	Contact, 15A, Awg 16-20, loose piece, gold plated	EA	36.0	87000911-GOLD	ANDERSON	Y		0.110000		563.0	1	NGPLR			Supply Demand 005
+	BT003249-512	CONTACT 15A LOOSE PC GLD	Contact, 15A, Awg 12-16, loose piece, gold plated	EA	36.0	87000912-GOLD	ANDERSON	Y		0.110000		129.0	0.0	NGPLR			Supply Demand 004
+	BT003249-512	HEATSHRINK 1/4" BLK	Heatshrink, 1/4"							0.000000		0.0	0.0				Supply Demand 003
+	BT003249-512	ASSY CLHLD 8P ADJ										14.0	0.0				Supply Demand 000
+	BT003249-512	SLEEVING 1/4" BRD EXPNDL	Sleeving, 1/4"							0.200000		0.0	0.0				Supply Demand 002

Select Parent BOM

Drag a column header here to group by that column

Parent	Description	Ext Description
BT003249-512	CBL ASSY 8P PP PLG 8P PP HSG	Cable assy, 8 poen pp plug to 8 poen pp housing...
BT003249-512	CBL ASSY 4P PP W/HSG 4P PP	Cable Assy, 4 poen pp w/housing 4 poen pp w/h...
BT003249-512	BLOWER SCREEN HOUSING	Blower, screen housing, 4C119/D119
BT003249-512	ASSY PNL W/HSG PARTS	Assy, mtg pnl, 4 poen power plug, w/housing, p...
BT003249-512	ASSY 4200 PNL W/HSG 5+ HSG	Assy, model 4200, mtg pnl w/5 4 poen pp w/5...

10. The Print button will print a custom report for the project.