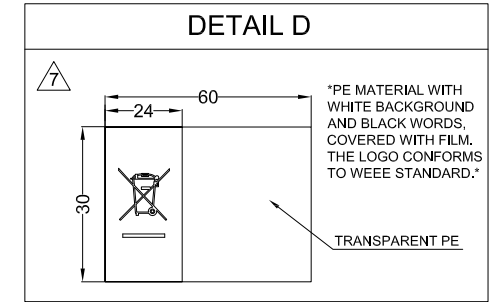
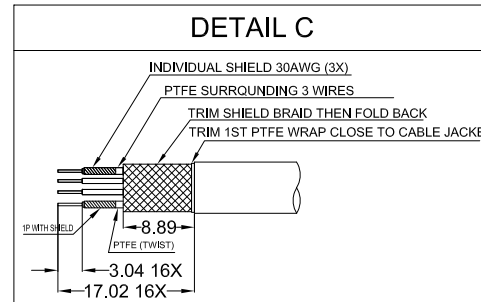
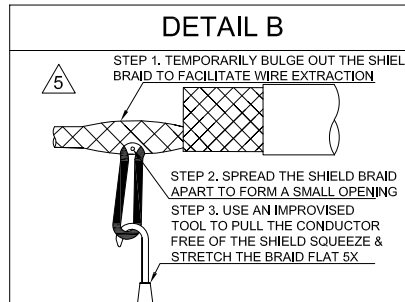
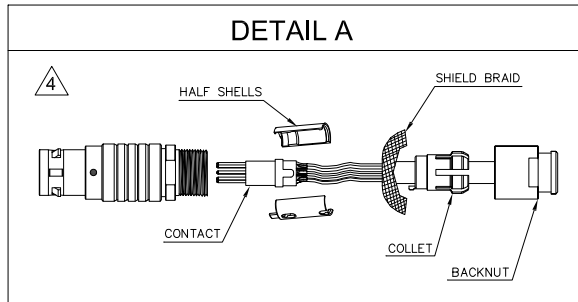
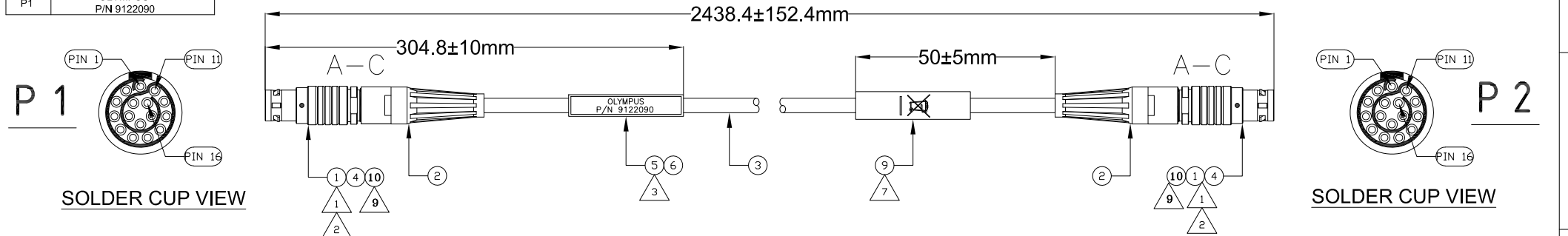


Approved Cable Suppliers				
Item #	Supplier Name	Part Number	UL #	Raw Cable Jacket Mark
1	PALCONN	3181657001	NO UL	NO MARKING

LABEL TABLE	
CONN	LABEL
P1	OLYMPUS P/N 9122090

REV.	INITIALS	REASON	DATE	REV.	INITIALS	REASON	DATE
X1	LGH	INITIAL RELEASE	07/19/19	X5	LGH	LABEL POSITIONING & SHIPPING	10/14/19
X2	LGH	UPDATED 'DETAILS', BDM & CABLE SPEC	09/12/19	X6	LGH	UPDATE BDM & WIRE TABLE	04/09/20
X3	LGH	ADDED WEEE LABEL & UPDATED NOTES	09/23/19	X7	LGH	DETAIL A AND NOTES	5/12/20
X4	LGH	UPDATED CONNECTOR P/N	10/09/19	X8	LGH	CUSTOMER P/N & REV., WIRE TABLE	06/10/20
				X9	LGH	UPDATE BDM ITEM#10 & NOTES	08/12/20



ELECTRICAL PROPERTIES:

- 100% OPEN, SHORT & MIS-WIRE TEST
- TEST USING OHM METER FOR CONTINUITY AND ISOLATION BETWEEN PINS AND SHELL. ISOLATION SHALL BE NO LESS THAN 10 MEGA OHMS.
- CABLE RESISTANCE TEST: END TO END 158 OHMS OR LESS.

NOTES:

- △ SOLDER WITH Sn96.5/Ag03/Cu.5 SOLDER (LEAD FREE).
- △ ASSEMBLE AND SOLDER 16 PIN CONNECTOR (ITEM#1) PER WIRING DIAGRAM. APPLY THREADLOCKER (ITEM#4) TO BACKNUT BEFORE THREADING INTO OUTER SHELL.
- △ CABLE TO BE LABELED (ITEM#5) ACCORDING TO LABEL TABLE. TAGS TO BE PROTECTED WITH SHRINK WRAP (ITEM#6), LOCATE LABEL WITHIN 1 FOOT OF P1 END.
- △ INSTRUCTIONS/STEPS FOR DETAIL A: FANOUT SHIELD BRAID AND INDNDUAL SHIELDS 360°, AND TRAPPED BETWEEN THE CONNECTOR HALF SHELLS AND THE THE COLLET.
- △ INSTRUCTIONS/STEPS FOR DETAIL B: STEP 1- TEMPORARILY BULGE OUT THE SHIELD BRAID TO FACILITATE WIRE EXTRACTION. STEP 2- SPREAD THE SHIELD BRAID APART TO FORM SMALL OPENING. STEP 3- USE AN IMPROVISED TOOL TO PULL THE CONDUCTOR FREE OF THE SHIELD IN ORDER TO TERMINATE TO THE CONNECTOR CONTACT.
6. SEE DETAIL C FOR WIRE STRIPPING DETAILS.
- △ APPLY WRAPPED WEEE LABEL (ITEM#9), SHOWN IN DETAIL D. LOCATE LABEL WITHIN THE DIMENSION SHOWN ABOVE.
8. THIS PART AND ANY RELATED SUB-COMPONENT AND ITS FABRICATION AND ASSEMBLY PROCESSES MUST BE ROHS COMPLIANT.
- △ APPLY 6.35 MM CLEAN SHRINK TUBE (ITEM#10) OVER EACH SOLDER JOINT FOR P1 AND P2 CONNECTORS.

10	HEAT SHRINK TUBE	WOER P/N: CB0010P005	AR	TRANSPARENT HEAT-SHRINKABLE SLEEVE Ø1.5MM
9	LABEL	WOER P/N: CB0010P0039	1 PC	WEEE LABEL
8	SCALING POWDER	KESTER/EQUIV P/N: 63-0000-0979	AR	FLUX KESTER 979 LEAD FREE
7	SOLDER WIRE	KESTER/EQUIV P/N: 2470687601	AR	LEAD FREE 275 NO-CLEAN SOLDER 0.62
6	CASING	TE CONNECTIVITY/EQUIV P/N: RT-375-3/8-X-SP	31.75MM	HEAT SHRINK 3/8 IN 2:1 RATID CLEAR
5	LABEL	BRADY USA INC P/N: THT-9-427-10	AR	THERMAL TRANSFER LABELS 1.0 x 0.5 WHITE
4	GLUE	LOCTITE P/N: 242	AR	ADH EPXY
3	CABLE	PALCONN P/N: 3181657001	2.4384M	2C*24#+((1C*30#+B)*3COAX+PTFE)*1C+(1P*30#+B+PTFE)*1C+9C*30#+F+PTFE+B+PTFE Estan# 58202 TPU(SHORE A 85±3) BLACK OD: 6.0±0.2MM
2	STRAIN RELIEF	BIX P/N: 802.023.208.965.060Y	2PCS	STRAIN RELIEF: BLACK PUR MATERIAL, 6.0-7.0mm
1	CONNECTOR	BIX P/N: T22C0C-P16MFG0-820D	2PCS	Sz.2 PLUG, 16PIN, C SERIES
ITEM	PART NAME	PART NO:	QTY	DESCRIPTION

GENERAL TOLERANCE	ANGLE TOLERANCE	NAME (INTENDED USE)		
X. ±1.00 .X ±0.50 .XX ±0.20 .XXX ±0.15		CUSTOMER DRAWING		
		CUSTOMER P/N: 10-020372-00 REV 4		
MAJOR(QC CHECKED) ▼ = 1 places	UNIT mm	APPROVED: LGZ	DATE 2020/08/12	TITLE: 16 PIN PLUG TO 16 PIN PLUG CABLE ASSEMBLY
		CHECKED:	DATE	SERIES:
SHEET 1 OF 3		DESIGN: LGH	DATE 2020/08/12	SIZE: A4
				DRAWING NO: 70 A005 OLYM P016BIX REV. X9

RoHS Compliant