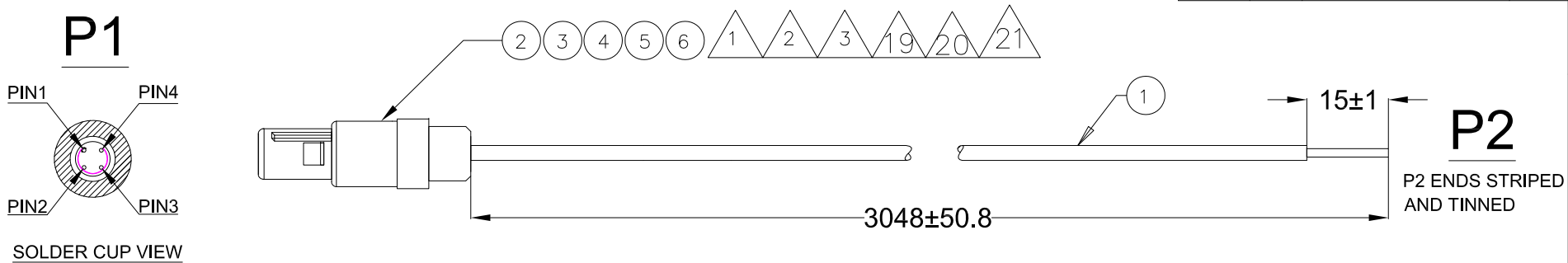


Approved Cable Suppliers				
Item #	Supplier Name	Part Number	UL #	Raw Cable Jacket Mark
1	PALCONN	3E00122003		NO MARK

REVISION	INITIALS	REASON	DATE
X1	LGH	INITIAL RELEASE	03/12/20
X2	LGH	UPDATED CUSTOMERS REVISION	03/27/20
X3	LGH	UPDATED CONNECTOR PART NUMBER TO IDENTIFY WHITE ALIGNMENT ARROW	03/27/20
X4	LGH	ADD P2 END MACHINING	06/20/20
X5	LGH	CHANGE OF PACKING SPECIFICATION	08/28/20



ELECTRICAL PROPERTIES:

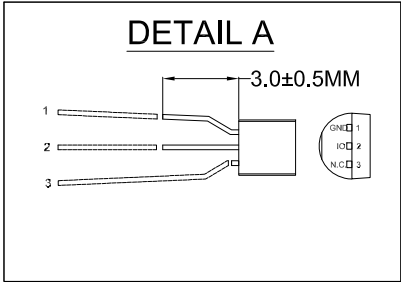
1. 100% OPEN, SHORT & MIS-WIRE TEST

2. CABLE ASSEMBLY RATED FOR 400VRMS OR GREATER

- ANOTES:
- ⚠ SOLDER WITH LEAD FREE SOLDER ONLY,NO FLUX
- ⚠ ADD 2 DROPS OF THREADLOCKER TO CONNECTOR BACKNUT ASSEMBLY
- ⚠ MINIMUM ACCEPTABLE GENERATOR CONNECTOR RETENTION FORCE: 10N
4. GENERATOR CONNECTOR SHALL UTILIZE PUSH-PULL LOCKING MECHANISM COMPATIBLE WITH ASSOCIATED RF GENERATOR
5. ASSEMBLE CONNECTOR CABLE TO IPC-WHMA-A-620 CLASS II STANDARD
6. HEATSHRINK TUBING TO BE APPLIED TO ALL SOLDERED CONNECTIONS
7. CONNECTOR CABLE ASSEMBLY SHALL BE COMPATIBLE WITH ETO STERILIZATION
8. CABLE AND CONNECTOR SHALL BE FREE OF DENTS, SCRATCHES, DISCOLOURATION AND RESIDUES
9. CONNECTOR CABLE ASSEMBLY IS TO BE FREE OF PARITCULATES
10. CONNECTOR CABLE ASSEMBLY TO BE RATED FOR 400 VRMS
11. ROHS AND REACH COMPLIANCE REQUIRED
12. CONNECTOR CABLE ASSEMBLY MUST BE LATEX FREE
13. CONNECTOR CABLE ASSEMBLY MUST BE DEHP FREE
14. CONNECTOR CABLE ASSEMBLY MUST BE BPA FREE
15. C OF C FOR BOTH CABLE ASSEMBLIES& BIX CONNECTORS AND OQC DQC DOCUMENTATION TO BE INCLUDED IN ALL SHIPMENTS
16. CONNECTOR CABLE ASSEMBLY SHALL BE COMPATIBLE WITH ETO STERILIZATION
17. CABLE AND CONNECTORS TO BE FREE FROM SCRATCHES, DENTS, PARTICULATES, RESIDUE OR DISCOLORATION
18. PERFORM OPEN, SHORT AND MISWIRES TEST ON 100% OF CONNECTOR CABLE ASSEMBLIES AND ATTACH RESULTS TO SHIPMENT C OF C
- ⚠ PREP EEPROM (ITEM 5) ACCORDING TO DETAIL "A" ABOVE AND SOLDER TO TERMINALS OF P1 CONNECTOR ACCORDING TO WIRE DIAGRAM.
- ⚠ APPLY 6.35MM SHRINK TUBE (ITEM 4) OVER SOLDER JOINTS OF PIN 1 CONNECTOR
- ⚠ APPLY THREAD LOCKER (ITEM 3) TO BACKNUT OF P1 CONNECTOR.

ELECTRICAL CONNECTIONS TABLE

CONNECTOR A	
PIN 1	BLACK
PIN 2	DNP
PIN 3	EEPROM PIN 1
PIN 4	EEPROM PIN 2



6	GLUE	AR	THREEBOND P/N: 1401	THREADLOCKER, RESIN (THREEBOND 1401 OR EQUIV)
5	SOLDER WIRE	AR	TBD	LEAD-FREE SOLDER
4	HEAT SHRINK TUBE	AR	WOER P/N: CB0015P008	HEATSHRINK, CLEAR, POLYOLEFIN
3	MEMORIZER	1 PC	MAXIM INTEGRATED P/N: DS2431+	MAXIM INTEGRATED 1 KB 1-WIRE EEPROM
2	CONNECTOR	1 PC	BIX P/N: TKB.1M.L04.PLA.W.42B	PLUG, SER.M, SZ.1, 4PIN, 60 KEYING, BLACK PSU HOUSING, BLUE PSU BACKNU, WHITE ARROW
1	CABLE	3.10M	PALCONN P/N: 3E00122003	1*22 AWG MATERIAL: SILICONE (SHORE A, 80) BLACK OD:2.6±0.2MM
ITEM	PART NAME	Q'TY	PART NO:	DESCRIPTION
GENERAL TOLERANCE		ANGLE TOLERANCE		NAME(INTENDED USE)
X. ±1.00				CUSTOMER DRAWING
.X ±0.50				CUSTOMER P/N:
.XX ±0.20				CW01SLBKOTWA REV V-2
.XXX ±0.15				
MAJOR(QC CHECKED)				APPROVED: DATE
▼ = 1 places				LGZ 2020/08/28
		UNIT mm		CHECKED: DATE
				DESIGN: DATE
				LGH 2020/08/28
SHEET 1 OF 2				TITLE: RFP-100A CONNECTOR CABLES (OVER-THE-WIRE)
				SERIES: SIZE:A4
				DRAWING NO: 70 A012 BAYL P004BIX REV X5

RoHS Compliant