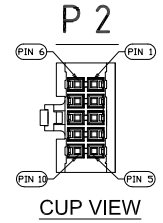
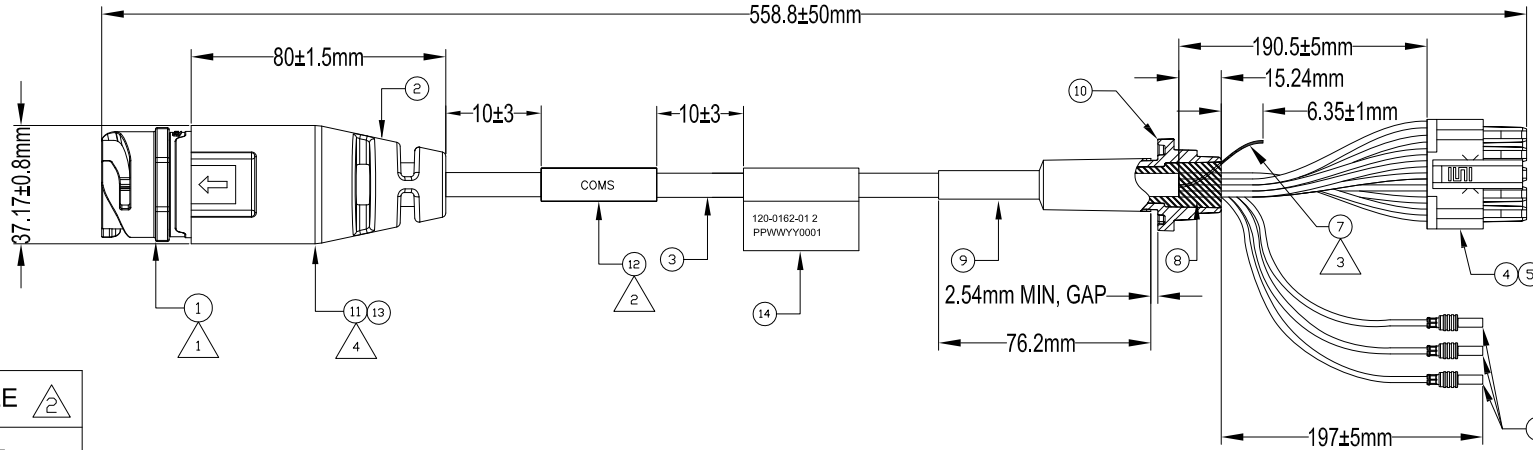
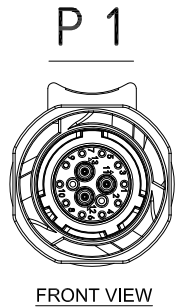


Approved Cable Suppliers				
Item #	Supplier name	Part Number	UL #	Raw cable jacket mark
1	PALCONN	5591391001		NO MARK

REVISION	INITIALS	REASON	DATE	F	LGH	UPDATED P1 CONNECTOR: 13 PIN	10/26/19
A	LGH	INITIAL RELEASE	3/20/19	G	LGH	P1 CUSTOM OVMOLD	11/12/19
B	LGH	P1 CONNECTOR TO PLUG	7/3/19	H	LGH	UPDATED P1 CUSTOM OVMOLD	1/6/20
C	LGH	BOM QTY & P/N, LABEL TABLE, CUSTOMER REV -03	7/19/19	I	LGH	UPDATED P1 CONNECTOR FRONT VIEW & NOTES	1/15/20
D	LGH	LABEL TABLE & NEW P1 CONNECTOR	9/9/19	J	LGH	ITEM#7-8 & NOTES	03/23/20
E	LGH	UPDATED CUSTOMER'S P/N	9/24/19	K	LGH	REVISED CONNECTOR VIEW	04/22/20
				L	LGH	UPDATE BOM ITEM#11,13,14	09/18/20



LABEL TABLE	
CONN	LABEL
P1	COMS
P1	P/N 2 120-0162-01 PPWWYY0001

14	LABEL	1PC	L75.0:MM*W30.0:M PE MATERIAL WHITE BACKGROUND AND BLACK WORDS. YU HONG JIN P/N: HFBQ00095
13	GLUE	AR	LOCTITE P/N: EA E30-CL-EN
12	SHRINK TUBE	AR	TUBING, HEAT SHRINK, PRINTABLE" 3/4, BLACK/WHITE PALCONN P/N: CB0010P00013
11	GLUE	AR	KAFUTER P/N: K5096-L
10	BULKHEAD	1PC	BULKHEAD, CABLE, MOLDED, UM+. 3WOODLAND PLASTICS P/N210-0072-01:
9	SHRINK TUBE	AR	SHRINK TUBE19, MM ID, ADHESIVE LINED PALCONN P/N: CB0010P 00014
8	GLUE	AR	POTTING COMPOUND, SENSOR ASSY CYTEC P/N: CONATHENE EN2523-
7	SHRINK TUBE	AR	HEAT-SHRINK TUBING, ID " 0.09BEFORE SHRINKING25, FT PALCONN P/N: CB0010P00016
6	CONNECTOR	3PCS	CONN MCX PLUG STR 50OHM SOLDER AMPHENOL P/N919-101: P51-SX
5	TERMINAL	10PCS	CRIMP: CONNECTOR SOCKET 20-24AWG, GOLD PLATE SAMTEC INC P/N: CC79L-2024-01-L
4	HOUSING	1PC	CONNECTOR2, X 5CIRCUITS, RECEPTACLE, KEY SAMTEC INC P/N: IPD-1-05D-K
3	CABLE	558.8mm	1(C25*AWG+B3)*COAX10+C22*AWG+A+D+B OD9.7: ±0.3MM XL-PE(MOISTURE CURED) BLACK
2	OVERMOLD	AR	MATERIAL: TPE BLACK 88A ZHONGXU P/N: MSLTPE00WR021
1	CONNECTOR	1PC	LINKCO P/N: YM-24-J13SX02-171-

**ELECTRICAL PROPERTIES:**

- 1 ASSEMBLY MUST PASS ELECTRICAL TEST "END TO END" THROUGH MATED CONNECTOR, INCLUDE TEST REPORT EACH MFG. LOT.
- 2 WATERPROOF TEST MEETS IP3 67M WATER DEPTH FOR 30MIN.

**NOTES:**

- 1. SOLDER WITH Sn/96.5Ag/03Cu 5.SOLDER (LEAD FREE).
- 2. LABEL AS SHOWN.
- 3. DO NOT TERMINATE DRAIN WIRE (ITEM ), #3APPLY HEAT SHRINK (ITEM) #7TO COVER DRAIN WIRE. TRIM ANY UNUSED WIRE TO ". 0.25
- 4. APPLY CLUE (ITEM) #11TO POT TERMINATION AREA.
- 5. P1: PIN 11-12 & PIN 23 TERMINATE TO THE CONNECTORS (ITEM 6)
- 6. BAG AND TAG WITH PART NUMBER AND REVISION.
- 7. 7 PARTS TO BE CLEAN AND FREE OF DEBRIS, OIL AND OTHER CONTAMINANTS.
- 8. ALL DESIGN AND OR PROCESS CHANGES REQUIRE PRIOR SENTIENT ENERGY APPROVAL. ALL AUTHORIZED DESIGN OR PROCESS CHANGES REQUIRE FIRST ARTICLE INSPECTION APPROVAL BEFORE PRODUCTION IMPLEMENTATION.

ITEM	PART NAME	QTY	PART NO		
GENERAL TOLERANCE		ANGLE TOLERANCE		NAME(INTENDED USE) MOLDING DRAWING CUSTOMER P/N: 120-0162-01	
X. ±1.00		X.° ±3.0°			
.X ±0.50		.X° ±1.0°			
.XX ±0.20		.XX° ±0.5°			
.XXX ±0.15		.XXX° ±0.5°			
MAJOR(QC CHECKED) ▼ = 8 places		SCALE 1:1	APPROVED: LGZ		DATE 2020/09/18
CRITICAL: ▽=		UNIT mm	CHECKED:		DATE
SHEET 1 OF 2		DESIGN: LGH		DATE 2020/09/18	
				TITLE: CABLE ASSY, UM+ 3 CATKRAKENPIGTAIL, THERMOSET ENCLOSURE, COAST CABLE	
				SERIES:	
				SIZE A4	
				DRAWING NO: 70 A010 SENT P024CNL	
				REV L	

**RoHS Compliant**