



△ CONNECTION DIAGRAM

P1	WIRE COLOR
1	BLACK
2	RED
3	BROWN
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GREY
10	BRAID TRANSPARENT

PART NO. LIST:

ITEM NO.:	MANU NO.:	AVT P/N:	PART NO.:	LENGTH "L" (mm)
215849	TC-FP-215849	16167	EM-50.0591	3000±75
215774	TC-FP-215774	16189	EM-50.0592	5000±100
215850	TC-FP-215850	16190	EM-50.0593	10000±150

REMARK:

- 100% FOR OPENS, SHORTS AND MISWIRE ELECTRICAL TEST PARAMETER:
CONDUCTIVE: 5Ω FOR FP-215848 & 215849
10Ω FOR FP-215774 & FP-215850
INSULATION RESISTANCE: 10 MΩ
WITHSTAND VOLTAGE: 300V/DC
- THIS PRODUCT COMPLIES TO THE LATEST VERSION ROHS DIRECTIVE
- THIS PRODUCT COMPLIES TO THE LATEST VERSION REACH DIRECTIVE
- CONTROLLED DIMENSIONS OR SPECIFICATIONS ARE DENOTED BY: △

8	140737	TC-OT-1605	TUBE, SHRINK TUBE, BLACK, Ø6.0, UL94-0, L=20mm	1PC
7	220998	TC-OT-2745	TUBE, SHRINK TUBE, TRANSPARENT, Ø1.0, UL94-0, L=40mm	1PC
6	215775	TC-CC-1927	UL20276 #30 x7C + #18x2C +AB, Ø5.0mm, PVC, COLOR: BLACK, OD: Ø5.0±0.15mm	N/A
5	215724	TC-HS-0760	CONNECTOR, FEMALE, PITCH1.27mm x 10P, SAMTEC :SFM-105-03-L-D	1PC
4	215733	TC-PC-0260	PCB DOUBLE SIDED, 8 X12MM FR4, GREEN SOLDER MASK, TIN PAD	1PC
3	216062	TC-MM-1266	SCREW, M2, THUMBSCREW, L=20.5mm	2PCS
2	215722	TC-MD-2230	OVERMOLDING, SAMTECH 10P DCT CONNECTOR, PVC, BLACK	1PC
1	215723	TC-MD-2231	INNERMOLDING, SAMTECH 10P DCT CONNECTOR, LDPE, NATURAL	1PC

NO.	ITEM	P/N	DESCRIPTION	Q'TY
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UNIT	SCALE	CUSTOMER ARTICLE NO:		CUST.ITEM NO:
mm	NONE			SEE LIST
TOLERANCE		ITEM NO:	PART NO:	VERSION:
X±	X°	SEE LIST	SEE LIST	01
.X±	.X°	ITEM NAME: FEMALE 10P DCT CONNECTOR WITH		
.XX±	.XX°	2CORE 18AWG AND 7CORE 30AWG SHIELDED CABLE		
		DATE	APPROVAL	QE
		11.08.20		
			CHECK	DRAFT
				RAINBOW

01	3921	CHANGED TUBE COLOR FROM BLACK TO TRANSPARENT+ADDED AVT P/N	08.09.21	RAINBOW
00	NONE	ISSUE	11.08.20	LOVEN
VERSION	ECO NO	DESCRIPTION	DATE	DRAFT