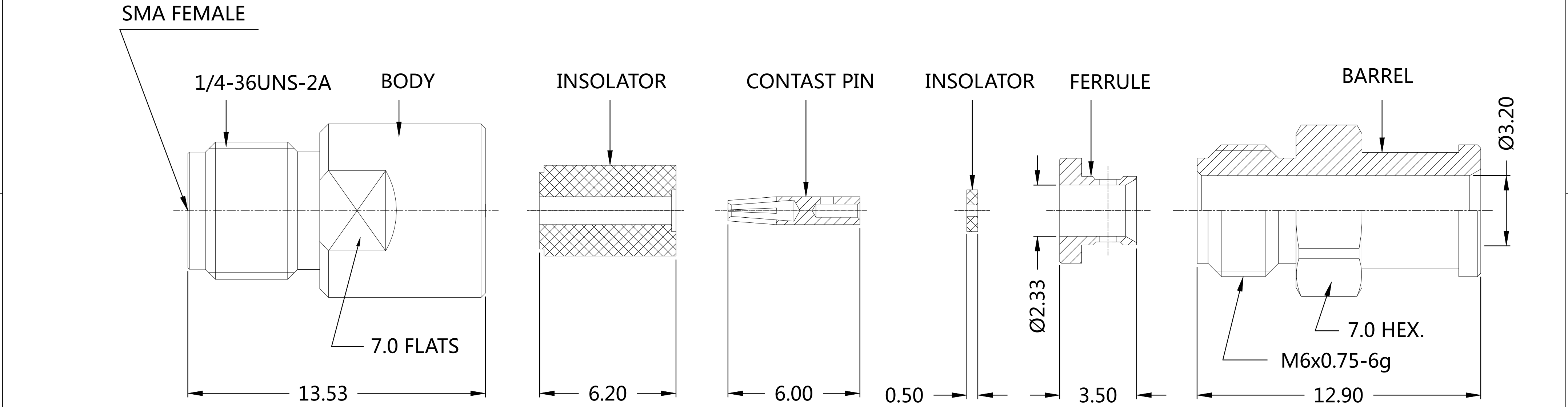
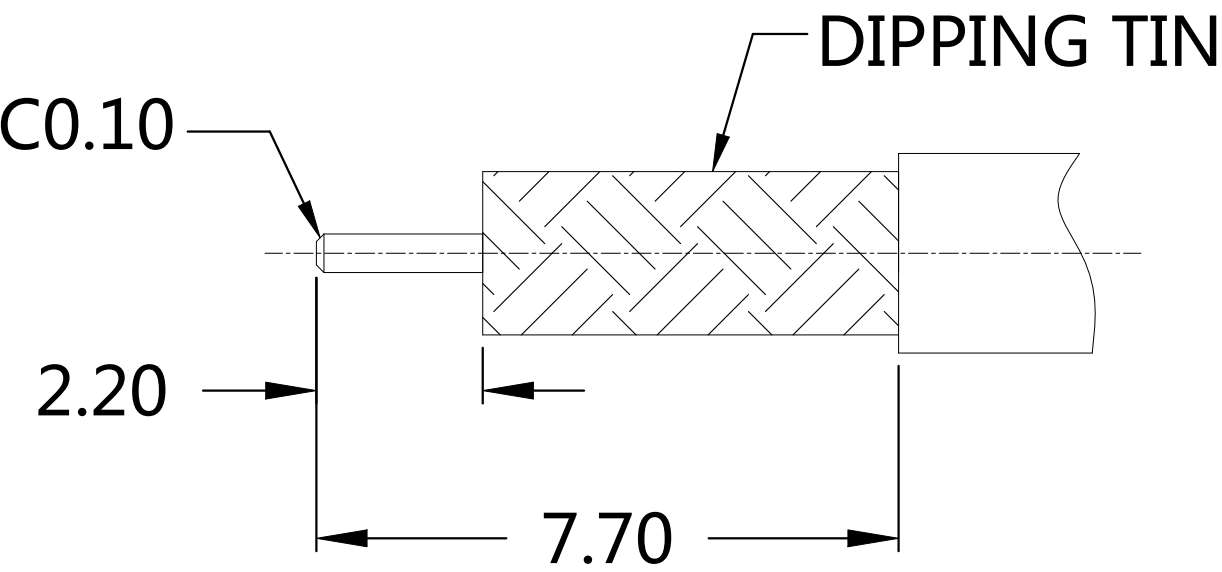


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECN-21-101691	26MAR2021	ED	WH



- NOTES:
- 1 PACK IN ACCORDANCE WITH TE SPEC 107-3275
 - 2 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED
 - 3 GOLD PLATING 0.254um MIN OVER NIKEL PLATING 1.27um MIN OVER COPPER PLATING 1.27um MIN
 - 4 GOLD PLATING 0.762um MIN OVER NIKEL PLATING 1.27um MIN OVER COPPER PLATING 1.27um MIN

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Impedance (Ohm) _____50	Interface Dimension MIL-STD-348B Fig. _____310-2	TEMPERATURE RANGE _____ -65°C TO + 165°C
Frequency Range (GHz) _____DC to 27GHz	Recommended Coupling Torque _____7 to 10 In-Lbs	THERMAL SHOCK _____MIL-STD-202, METH.107, COND.B
Voltage Rating (Peak) _____@ Sea Level 335 V RMS	Force to Engage and Disengage (In/lbs) _____2.0 MAX	CORROSION _____MIL-STD-202, METH.101, COND.B
Insulation Resistance (MIN.) _____5000 M ohms	Center Contact Captivation Axial (Lbs) _____6.0 Radial (In/Oz) _____N/A	VIBRATION _____MIL-STD-202, METH.204, COND.D
Contact Resistance (Milliohms MAX) Center Contact _____3.0 Outer Contact _____2.0	Cable Retention Axial (Lbs) _____N/A	SHOCK _____MIL-STD-202, METH.213, COND.I
Dielectric Withstand Voltage: _____750 V RMS Max	Mating cycles _____500 cycles	MOISTURE RESISTANCE _____MIL-STD-202, METH.106.
Insertion Loss : _____0.1*SQRT(F) dB		ROHS _____COMPLIANT
VSWR: _____1.3 MAX(DC-27GHz)		
RF leakage: _____N/A		
3rd Intermodulation: _____N/A		



RECOMMENDED CABLE STRIPPING DIM'S

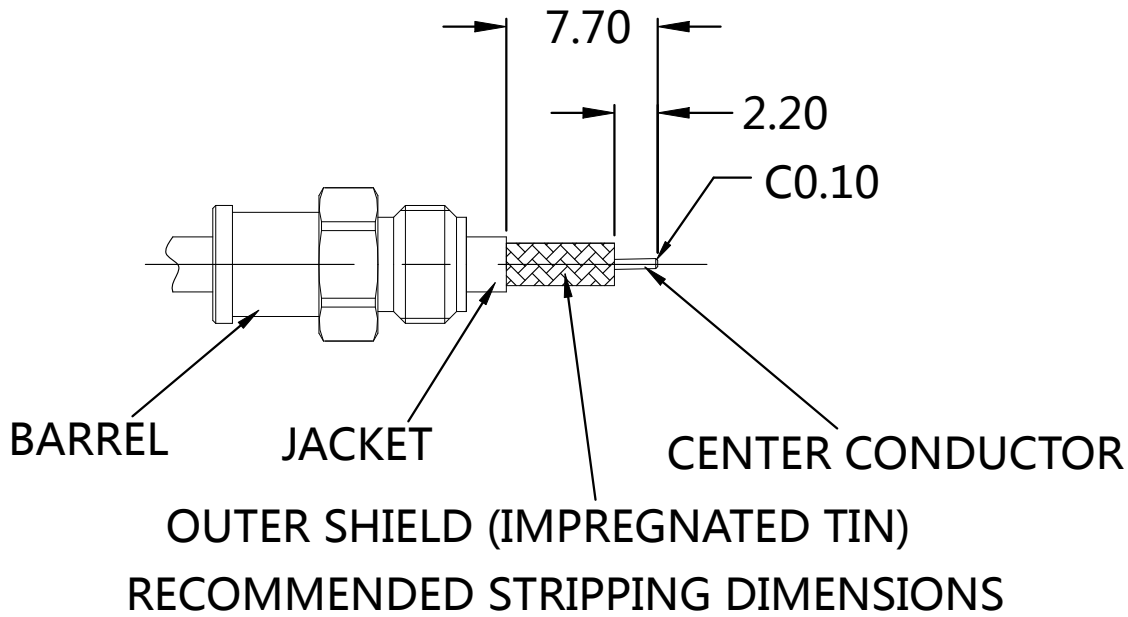
	1	3	BRASS	BARREL	5
	1	3	BRASS	FERRULE	4
	1	/	PTFE	INSULATOR	3
	1	4	BeCu	CENTER CONTACT	2
	1	PASSIVATION	STAINLESS STEEL	BODY	1
	2081885-1	PLATING	MATERIAL	DESCRIPTION	ITEM

QUANTITY PER ASSY		PARTS LIST			
29DEC2020	TE Connectivity				
29DEC2020					
29DEC2020	NAME				
52	EP-SMA,JACK,STRAIGHT,27GHz, SOLDER, MATCH WITH 086 CABLE				
	SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
g	A2	00779	C-2081885		—
DRAWING			SCALE	SHEET	REV
			10:1	1 of 2	A

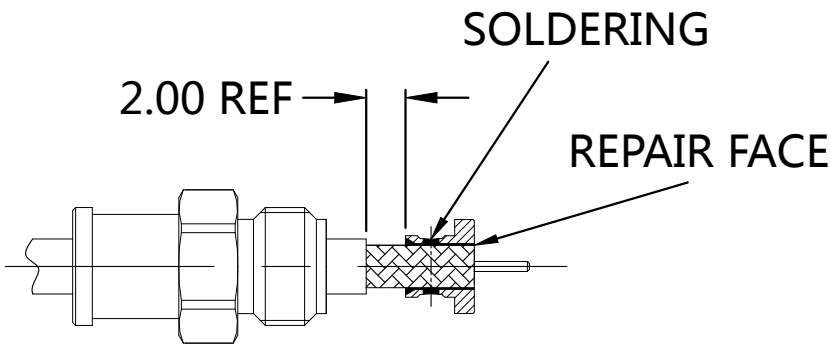
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

EP-SMA CONNECTOR(2081885-1) INSTALLATION MANUAL

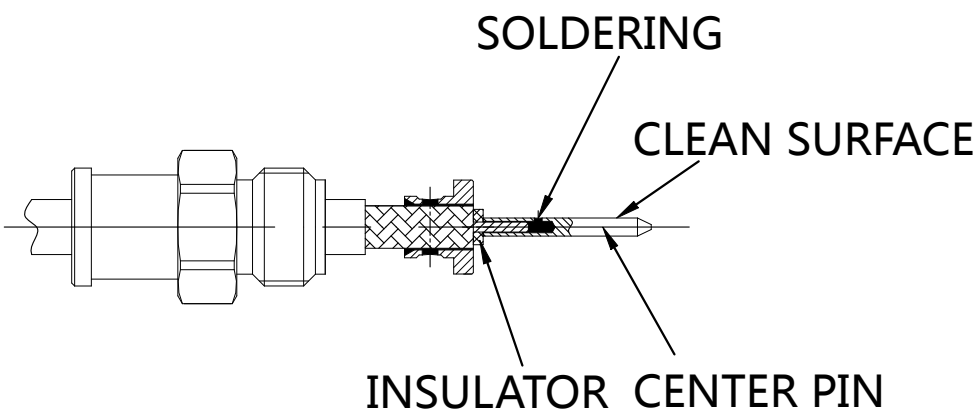
1. A. Strip the cable according to the size shown in the below drawing.
be careful not to cut into the outer shield.
B. Soak the outer shield of the cable in tin.
C. After leaching, peel off the center conductor and proceed with the center conductor C0.10 chamfering, and finally the remaining sheath and outer shielding remove from the central conductor.
place the sleeve over the cable.Remove from the central conductor.
D. Place the sleeve over the cable.



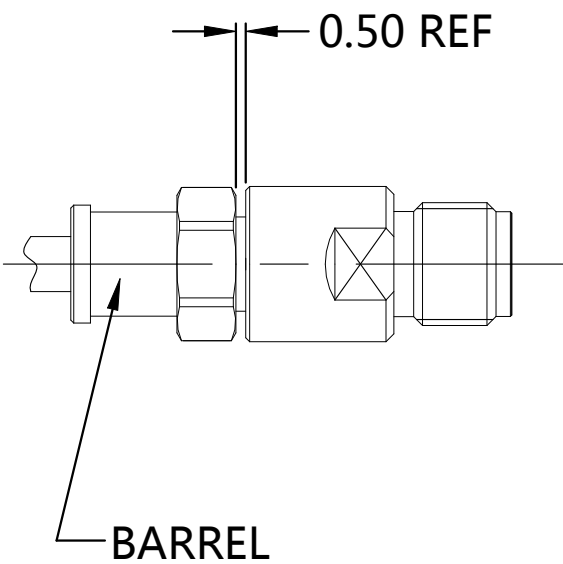
2. A. As shown in the below figure, put the welding cup on the outer shielding layer of the cable first.
B. When welding the cup, control the end surface of the cup with a fixture parallel to the outer shielding end face of the cable.
C. Control welding time and temperature, and remove excess with tools make sure the surface of the solder cup is smooth and clean when the solder cup is spilled excess residue in welding area.



- 3.A. As shown in the figure below, first attach the insulator to the outer shield and put it on on the center conductor of the cable, and then attach the center pin to the insulator,weld to the center conductor of the cable.
B.Control the welding time and temperature, and remove the excess with tools spill the tin spots, make sure the center needle surface is smooth, then clean the welding area of excess residue.excess residue in welding area.



- 4.A. Insert the cable into the main body until it reaches the end face of the insulator on the cable contact with the insulator step inside the main body and cannot be pushed until.
B.As shown in the below figure, screw the sleeve into the main body and tighten it.clean the welding area of excess residue.excess residue in welding area.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	ED	29DEC2020	TE Connectivity			
		CHK	RZ	29DEC2020				
		APVD	WH	29DEC2020	NAME			
		PRODUCT SPEC			EP-SMA,JACK,STRAIGHT,27GHz, SOLDER, MATCH WITH 086 CABLE			
		APPLICATION SPEC			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT			A2	00779	C=2081885	-
		CUSTOMER DRAWING			SCALE	10:1	SHEET	2 OF 2
					REV			
					A			