

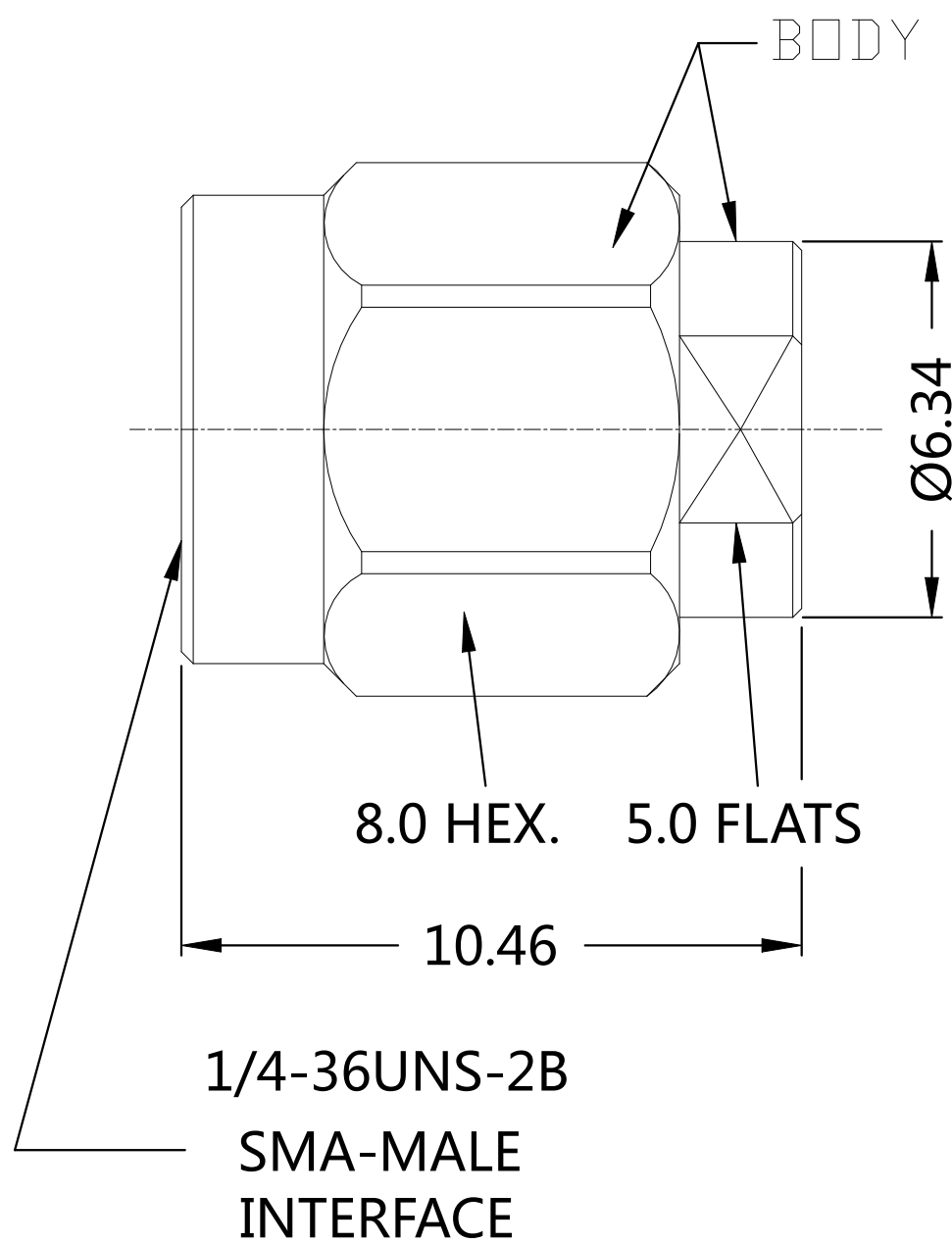
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP	20APR2022	ED	WH

D

C

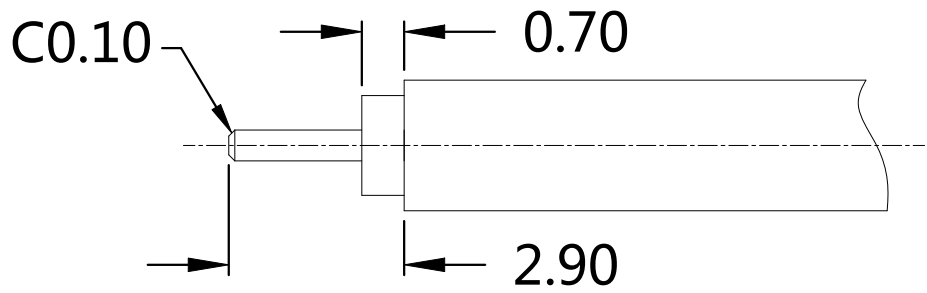
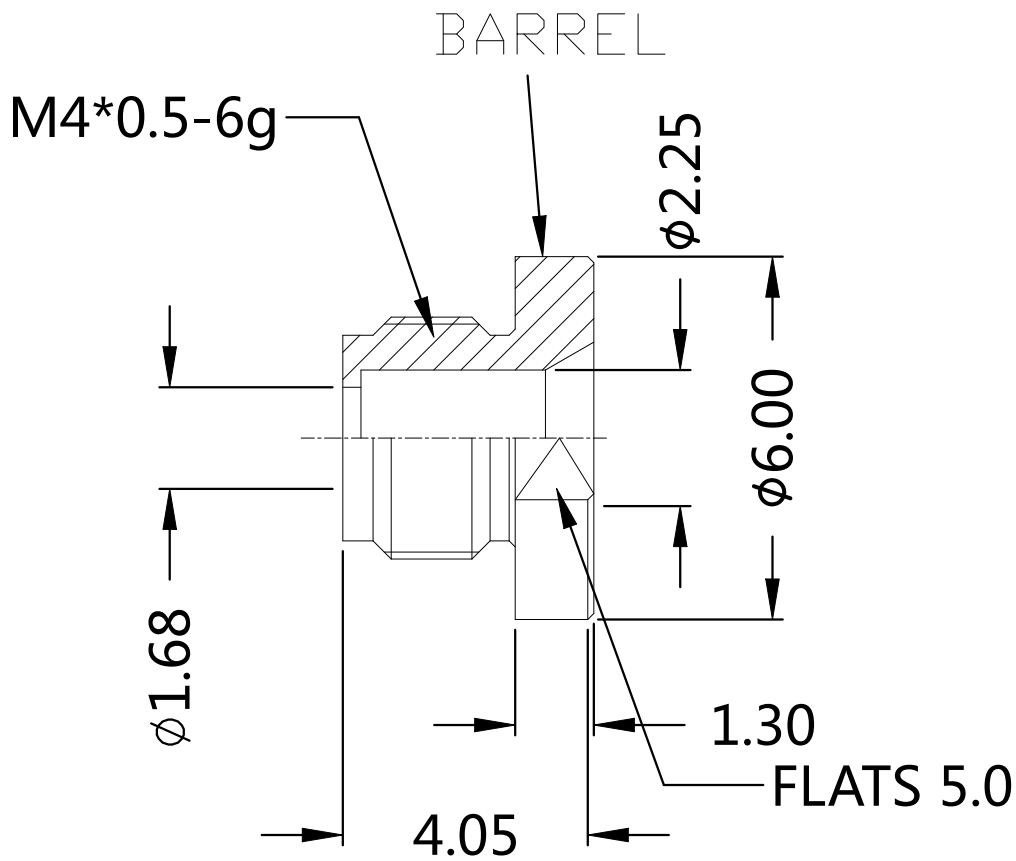
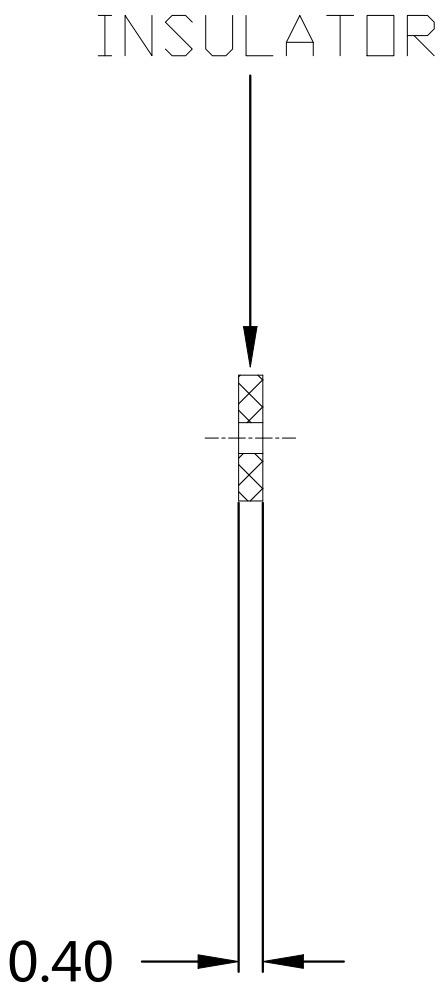
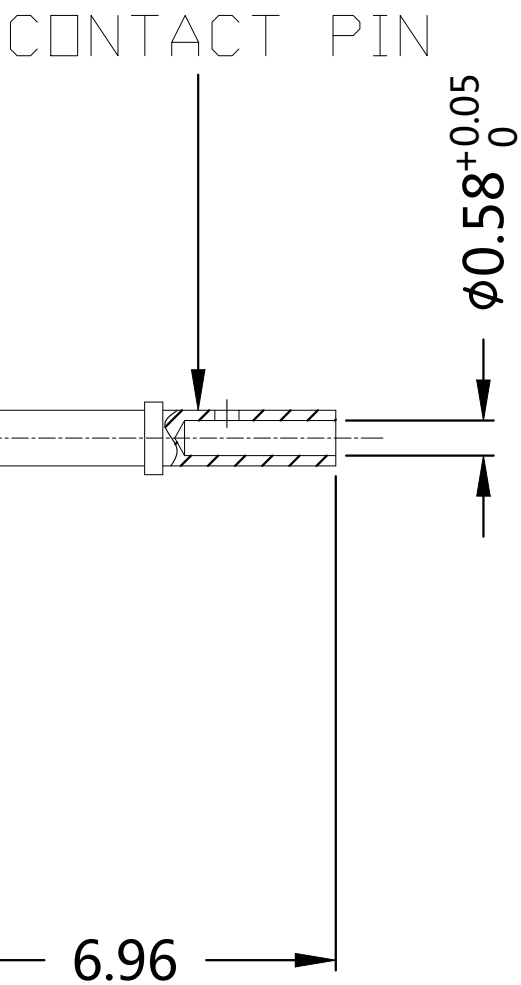
B

A



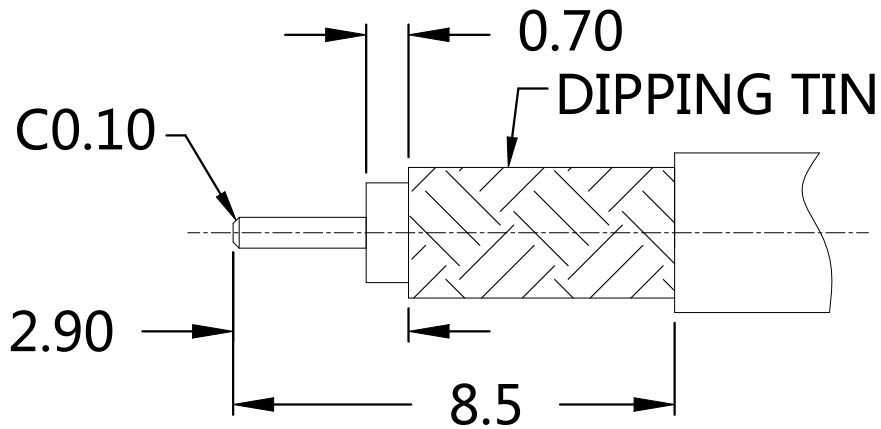
NOTES:

- PACK IN ACCORDANCE WITH TE SPEC 107-3275
- ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED
- GOLD PLATING 0.254µm MIN OVER NIKEL PLATING 1.27µm MIN OVER COPPER PLATING 1.27µm MIN
- GOLD PLATING 0.762µm MIN OVER NIKEL PLATING 1.27µm MIN OVER COPPER PLATING 1.27µm MIN



RECOMMENDED CABLE STRIPPING DIM'S

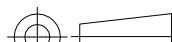
.086"SEMI-RIGID CABLE



RECOMMENDED CABLE STRIPPING DIM'S

.086"SEMI-FLEX CABLE

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		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED 30NOV2021		 TE Connectivity			
		CHK RZ 30NOV2021					
		APVD WH 30NOV2021					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME EP-SMA,PLUG,STRAIGHT,27GHz, SOLDER, MATCH WITH 086 CABLE			
		0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± - ANGLES ± 5°					
MATERIAL SEE TABLE		FINISH -		SIZE A2	CAGE CODE 00779	DRAWING NO C=2081901	RESTRICTED TO -
CUSTOMER DRAWING				SCALE 8:1	SHEET 1 of 1	REV A	