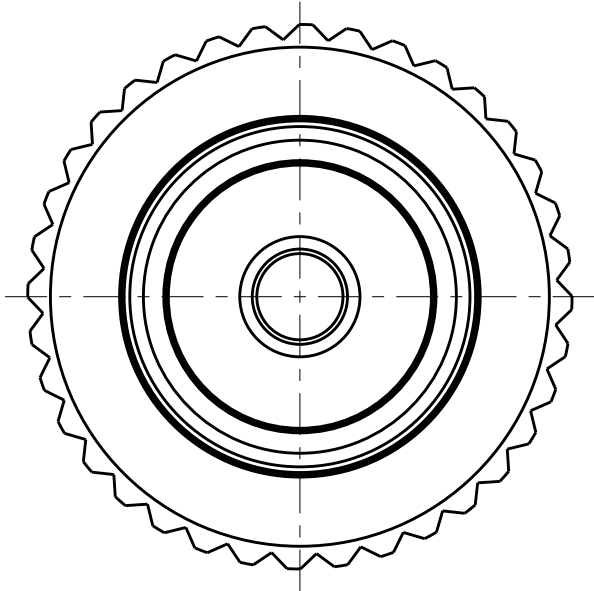
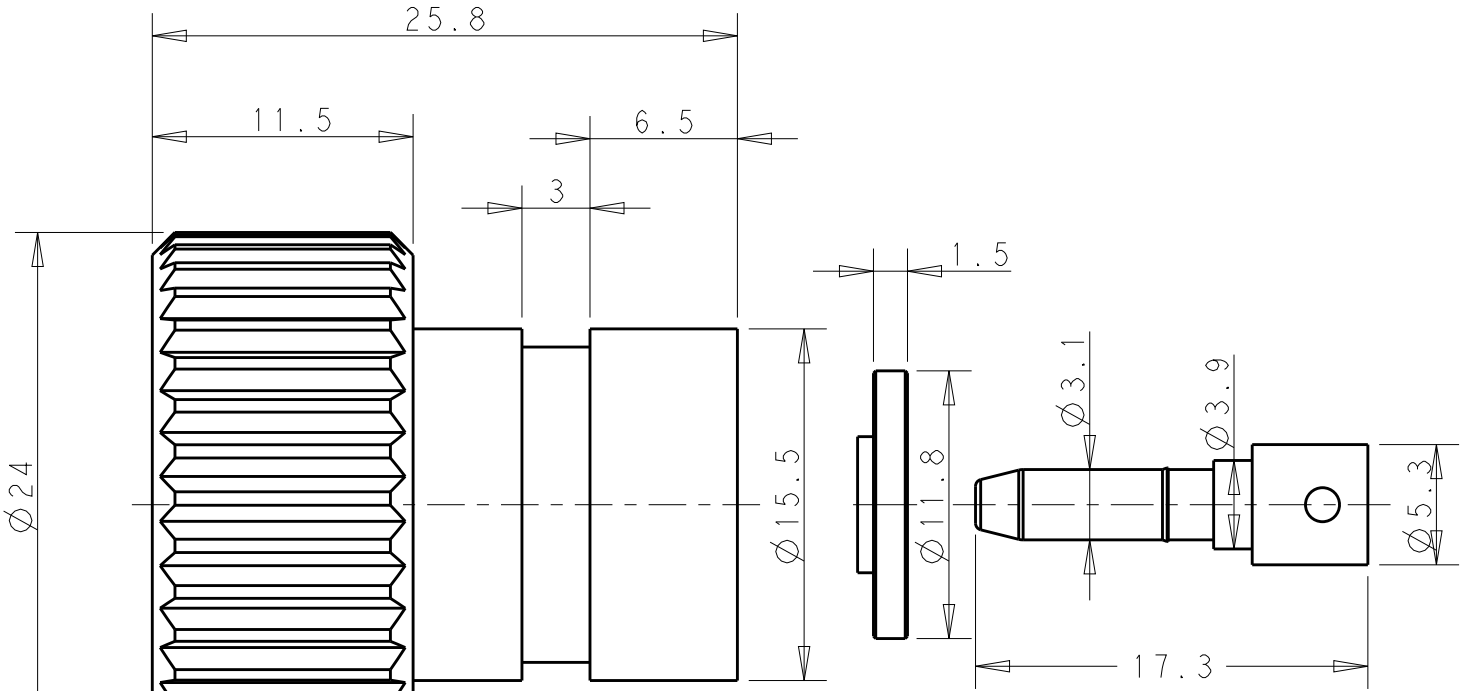
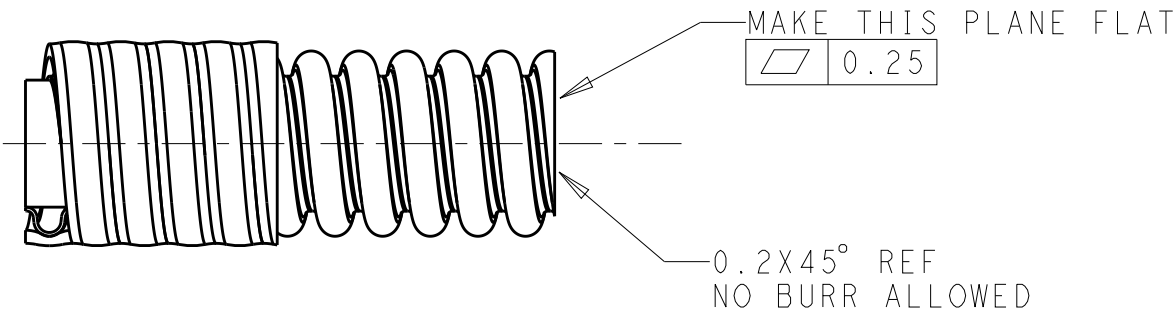


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD



SCALE 3:1



RECOMMENDED CABLE DIMENSION

N/A	RUBBER	O-RING(17.5X1.5)	2081290-1
N/A	PTFE	REAR DIELECTRIC	
Ni	BRASS	COUPLING NUT	
N/A	RUBBER	O-RING(12X1.3)	
N/A	PTFE	FRONT DIELECTRIC	
CuSnZn	BRASS	OUTER CONTACT	
Ag	BRASS	CENTER CONTACT	
PLATING	MATERIAL	ITEM	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. WONG	02-Dec-15	TE Connectivity	
DIMENSIONS: mm		CHK R. SONG	02-Dec-15		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD R. SONG	02-Dec-15	NAME ASSEMBLY, PLUG ST, HAND SCREW FOR 1/2 SF CABLE	
MATERIAL		PRODUCT SPEC	-		
FINISH		APPLICATION SPEC	-	SIZE	CAGE CODE
-		WEIGHT	-	A300779	C-2081290
-		CUSTOMER DRAWING		SCALE	SHEET
-		3:1		1	OF 2
-		REV		1	REV 1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD

NOTES;

1. TOLERANCES ON ALL DIMENSIONS ACCORDING TO ISO 2768 m-H FOR UNLESS OTHERWISE SPECIFIED

2. INTERFACE ACCORDING TO IEC61169-54.

3. ELECTRICAL CHARACTERISTICS

IMPENDENCE : 50 Ohm
FRQUENCY RANGE: DC TO 6 GHz
RETURN LOSS:

>=39 dB@ DC to 1 GHz
>=30 dB@ 1 GHz to 2.2 GHz
>=28 dB@ 2.2 GHz to 2.7 GHz
>=22 dB@ 2.7 GHz to 6.0 GHz

INSERTION LOSS: <=0.05 x SQRT(f[GHz]) dB
INSULATION RESISTANCE: >=5000 MOhm
CENTER CONTACT RESISTANCE: <=1.0 MOhm
OUTER CONTACT RESISTANCE: <=1.0 MOhm
TEST VOLTAGE: 2500 Vrms
WORKING VOLTAGE: 500 Vrms
POWER HANDLING(AT 90°C, ALTITUDE 3000m): 500 W @ 2 GHz
INTERMODULATION(3rd ORDER):>=160 dBc (2 x 46 dBm) @ 0.4-4.0 GHz

4. MECHANICAL CHARACTERISTICS

MATING CYCLES: >=100
CENTER CONTACT CAPTIVATION: AXIAL >30N
RADIAL >5Ncm

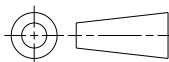
CENTER CONTACT RETENTION FORCE 1.5-20N
OUTER CONTACT RETENTION FORCE 4-35N
RECOMMENDED TORQUE 5Nm

5. ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE RANGE: -45 °C TO +85 °C OPERATING TEMPERATURE
THERMAL SHOCK: IEC 61169-1 9.4.4
CORROSION RESISTANCE: IEC 61169-1 9.4.10
VIBRATION: IEC 61169-1 9.3.3
SHOCK: IEC 61169-1 9.3.14
DEGREE OF PROTECTION (MATED PAIR): IEC 61169-1 9.4.7, IP68(2h / 1.5m)
ROHS: COMPLIANT

6. SUITABLE CABLES:
SUPER FLEXIBLE 1/2"R AND SIMILAR.

7. DUST-PREVENTING CAP WAS ON FOR FINAL ASSEMBLY.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. WONG	02-Dec-15	TE Connectivity					
DIMENSIONS: mm		CHK R. SONG	02-Dec-15	NAME ASSEMBLY, PLUG ST, HAND SCREW FOR 1/2 SF CABLE					
		APVD R. SONG	02-Dec-15						
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC						RESTRICTED TO	
0 PLC ±-		-							
1 PLC ±-		-							
2 PLC ±-		APPLICATION SPEC		SIZE A3					
3 PLC ±-		-							
4 PLC ±-		-		CAGE CODE 00779					
ANGLES ±-		-							
MATERIAL -		WEIGHT -		DRAWING NO C-2081290					
FINISH -		CUSTOMER DRAWING							
-				SCALE 3:1		SHEET 2 OF 2		REV 1	