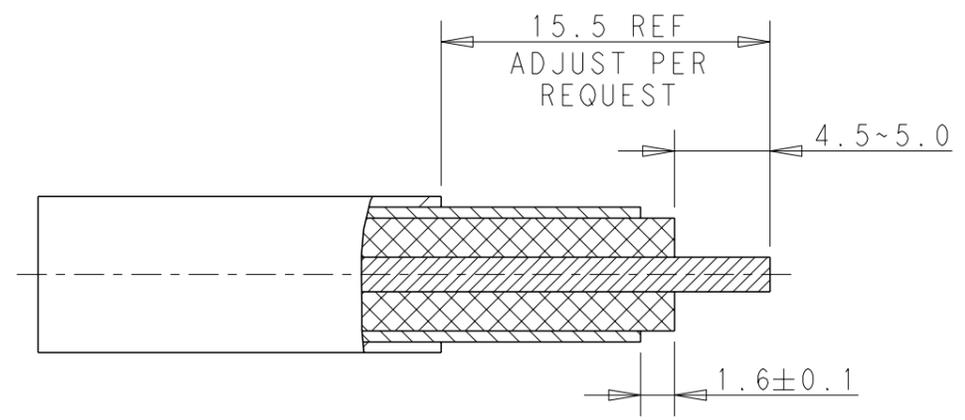
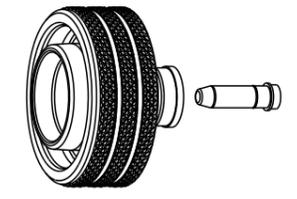
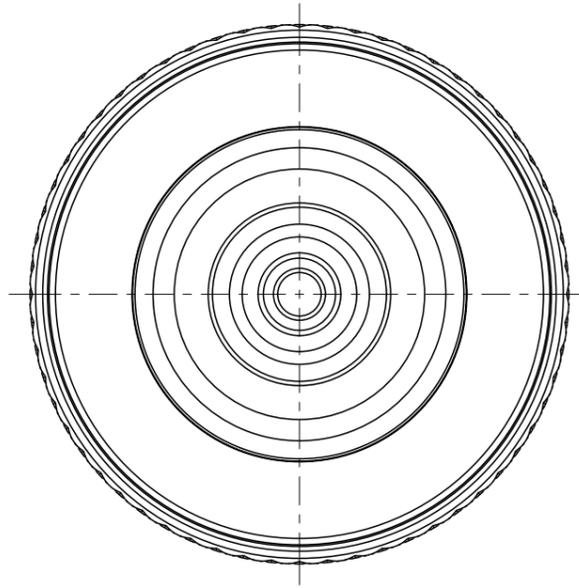
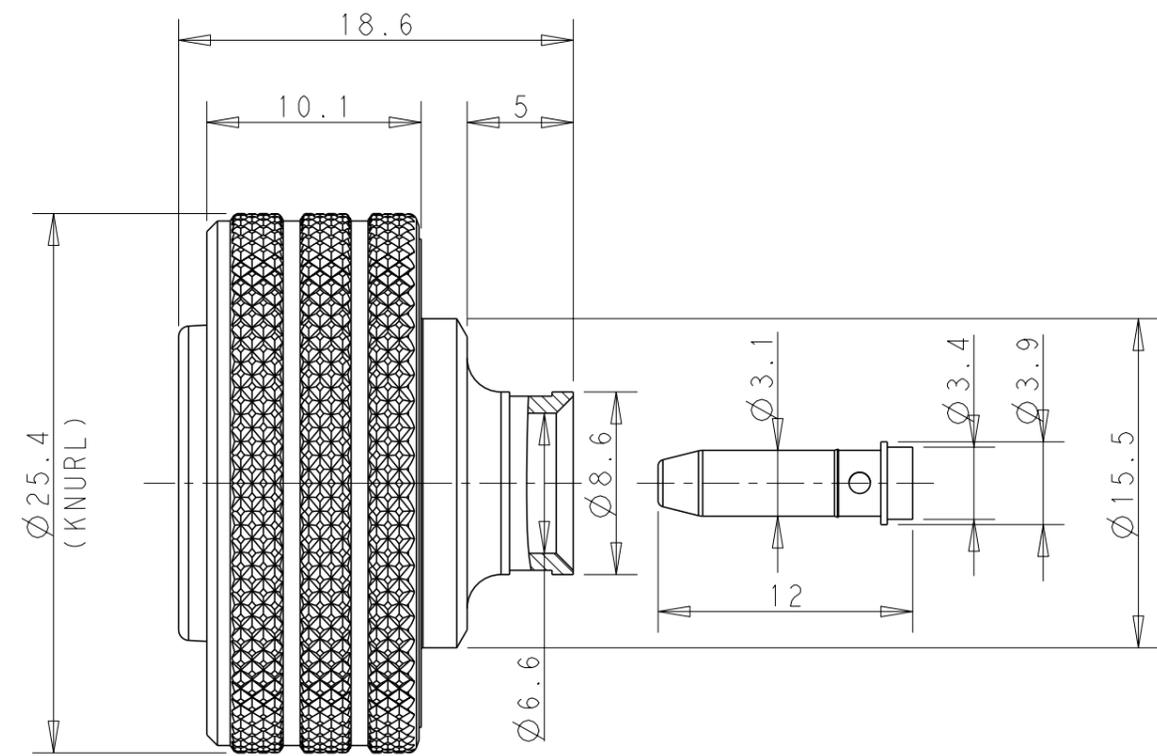


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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	20SEP2016	LN	RS



RECOMMENDED CABLE DIMENSION

CuSnZn	BRASS	RETAIN RING	2081266-1
CuSnZn	BRASS	C-RING	
Ni	BRASS	UN-LOCK BUSHING	
N/A	RUBBER	O-RING	
N/A	PTFE	DIELECTRIC	
CuSnZn	BRASS	OUTER CONTACT	
Ag	BRASS	CENTER CONTACT	
PLATING	MATERIAL	ITEM	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±- 2 PLC ±- 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH	<p>DWN B. WONG 02-Dec-15</p> <p>CHK R. SONG 02-Dec-15</p> <p>APVD R. SONG 02-Dec-15</p> <p>PRODUCT SPEC -</p> <p>APPLICATION SPEC -</p> <p>WEIGHT -</p>	<p>TE TE Connectivity</p> <p>NAME ASSEMBLY, PLUG QUICK LOCK FOR 250 CABLE</p>	
MATERIAL -			SIZE A3	CAGE CODE 00779
			DRAWING NO C-2081266	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 3:1	SHEET 1 OF 2 REV A

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20

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

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

IMPEDENCE : 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

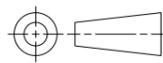
DEGREE OF PROTECTION (MATED PAIR): IEC 61169-1 9.4.7, IP68(2h / 1.5m)

ROHS: COMPLIANT

6. SUITABLE CABLES:

UT 250 OR RTK-FS 250

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		
		APVD R. SONG	02-Dec-15		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME ASSEMBLY, PLUG QUICK LOCK FOR 250 CABLE	
0 PLC ±-		-		-	
1 PLC ±-		-		-	
2 PLC ±-		-		-	
3 PLC ±-		-		-	
4 PLC ±-		-		-	
ANGLES ±-		-		-	
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
-		-		A300779 C-2081266 -	
-		-		CUSTOMER DRAWING SCALE 3:1 SHEET 2 OF 2 REV A	