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LOC	DIST
E	B

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	ECO-14-012963	25AUG2014	RZ	MY

NOTES:

1. PACKAGE ONE COMPLETE CONNECTOR IN HEAT SEALED, LABELED BAG/ 1000 PER SHIPPING BOX. LABELED PER TEC-107-115
2. 100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
3. Au PLATING
4. ELECTRICAL CHARACTERISTICS

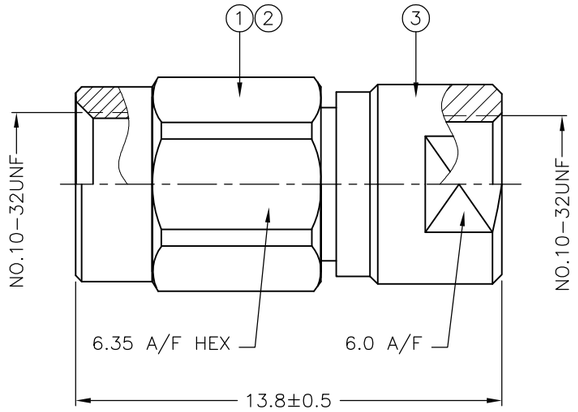
FREQUENCY RANGE:	DC – 10 GHz
NOMINAL IMPEDANCE:	50 Ohm
INSULATION RESISTANCE:	1000 MOhm
WORKING VOLTAGE:	250 Volts RMS at Sea Level
DIELECTRIC WITHSTAND VOLTAGE:	750 Volts RMS Max
CONTACT RESISTANCE:	
CENTER CONTACT:	6.00 mOhm Max
OUTER CONTACT:	1.00 mOhm Max
VSWR @ 3GHz:	1.35:1
INSERTION LOSS dB @ 4 GHz:	0.25 Max

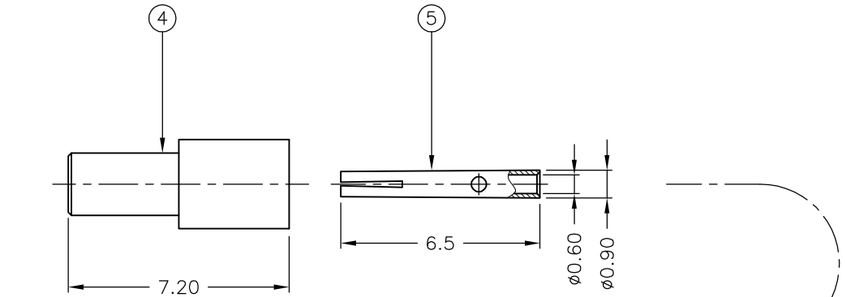
5. MECHANICAL CHARACTERISTICS

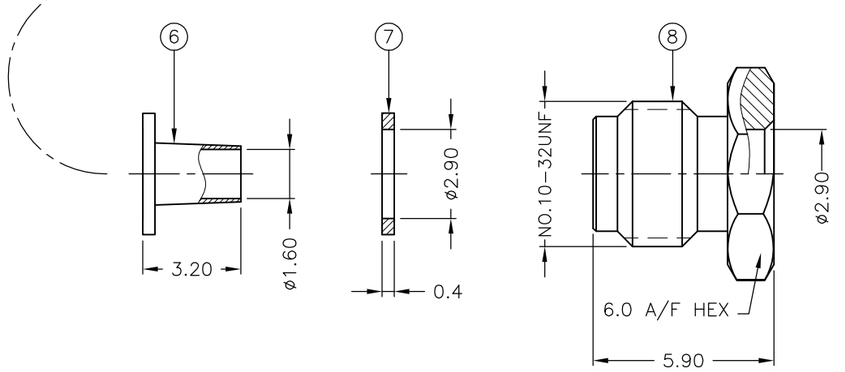
COUPLING NUT RETENTION FORCE:	156N Min
CABLE RETENTION FORCE:	
RG174A/U, 188A/U, 316/U, URM95:	43.5N Min
CLAMP NUT RECOMMENDED TORQUE	0.6Nm
DURABILITY:	500 Cycles Min

6. ENVIRONMENTAL CHARACTERISTICS

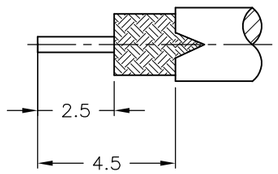
OPERATING TEMPERATURE:	–65 to +165 DegC







RECOMMENDED
CABLE STRIPPING DIM'S



		1	1	BRASS 3	CLAMP NUT	8
		1	1	BRASS 3	WASHER	7
		1	1	BRASS 3	FERRULE	6
		1	1	BERYLLIUM COPPER 3	CONTACT	5
		1	1	PTFE	INSULATION	4
		1	1	BRASS 3	BODY	3
		1	1	BERYLLIUM COPPER	CIRCLIP	2
		1	1	BRASS 3	COUPLING NUT	1
		6--0	1--0	MATERIAL	DESCRIPTION	ITEM
		2	1			
QUANTITY PER ASSY				PARTS LIST		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± 0.2
2 PLC	± 0.1
3 PLC	± –
4 PLC	± –
ANGLES	± –

MATERIAL: SEE TABLE

FINISH: –

DWN	J.SANDWELL 13FEB06
CHK	S.PARLOW 13FEB06
APVD	F.WHEELER-KING 13FEB06
PRODUCT SPEC	–
APPLICATION SPEC	411-3258
WEIGHT	–

TE Connectivity

NAME: SMC STRAIGHT PLUG SOLDER 50 OHM RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1337607	–

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 1 | REV D