

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D1	REVISED PER ECR-21-002411	25FEB2021	RZ	RS

NOTES:

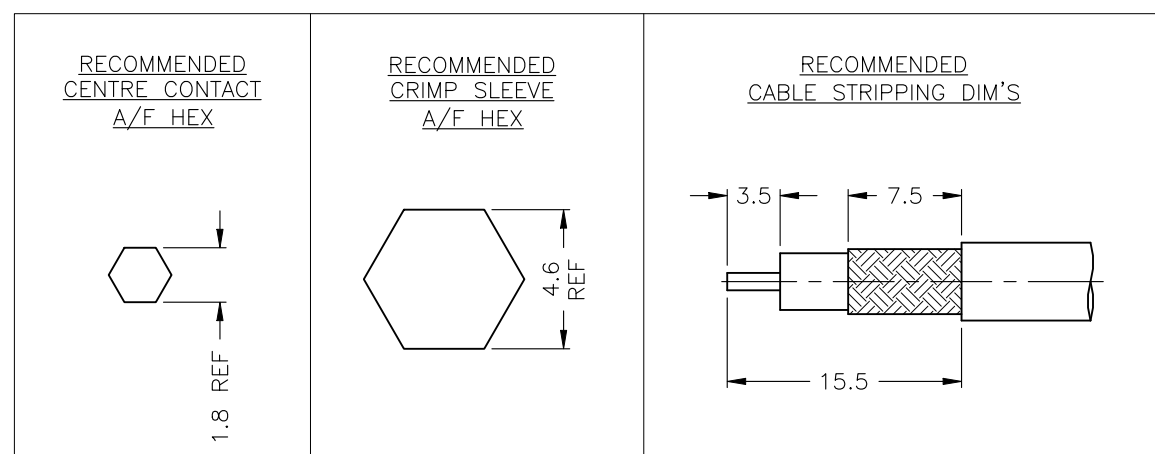
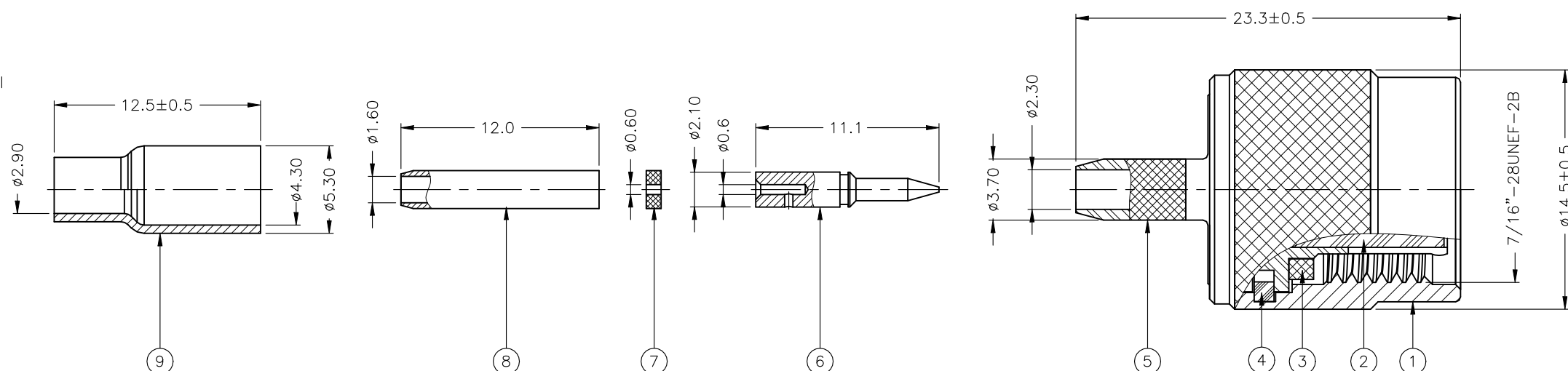
- 1 PACKAGE ONE COMPLETE CONNECTOR IN HEAT SEALED, LABELED BAG/ 250 PCS PER SHIPPING BOX. LABELED PER TEC-107-115
- 2 100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- 3 Au PLATING
- 4 Ni PLATING
- 5 PASSIVATION
- 6 THIS ITEM MUST BE WHITE

- 7 HAND TOOL : 9-1478240-0
- 8 DIE SET : 9-1478245-0

- 9 ELECTRICAL CHARACTERISTICS
- | | |
|-------------------------------|----------------------------|
| FREQUENCY RANGE: | DC - 11 GHz |
| NOMINAL IMPEDANCE: | 50 Ohm |
| INSULATION RESISTANCE: | 5000 MOhm |
| WORKING VOLTAGE: | 500 Volts RMS at Sea Level |
| DIELECTRIC WITHSTAND VOLTAGE: | 1500 Volts RMS Max |
| CONTACT RESISTANCE: | |
| CENTRE CONTACT: | 1.50 mOhm Max |
| OUTER CONTACT: | 1.00 mOhm Max |
| VSWR @ 4GHz: | 1.30:1 Max |
| INSERTION LOSS dB @ 3 GHz: | 0.20 Max |

- 10 MECHANICAL CHARACTERISTICS
- | | |
|-------------------------------|----------------|
| COUPLING NUT RETENTION FORCE: | 266 N Min |
| CABLE RETENTION FORCE: | 43.5 N Min |
| DURABILITY: | 500 Cycles Min |

- 11 ENVIRONMENTAL CHARACTERISTICS
- | | |
|------------------------|------------------|
| OPERATING TEMPERATURE: | -65 to +165 DegC |
|------------------------|------------------|



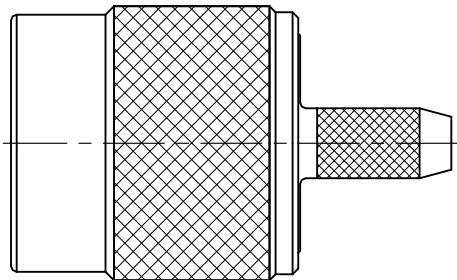
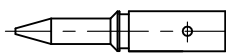

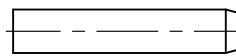
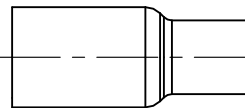
QTY	UNIT	MATERIAL	FINISH	DESCRIPTION	ITEM
1	1	BRASS	4	FERRULE	9
1	1	BRASS	4	SLEEVE	8
1	1	PTFE	7	DIELECTRIC II	7
1	1	BRASS	3	CENTER CONTACT	6
1	1	BRASS	4	BODY	5
1	1	STAINLESS STEEL	5	CIRCLIP	4
1	1	SILICON RUBBER	6	GASKET	3
1	1	PTFE	2	DIELECTRIC I	2
1	1	BRASS	4	COUPLING NUT	1
6--0	1--0	MATERIAL		DESCRIPTION	ITEM
QUANTITY PER ASSY		PARTS LIST			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.SANDWELL 15FEB06	TE Connectivity Ltd.														
		CHK S.PARLOW 15FEB06															
		APVD F.WHEELER-KING 15FEB06	NAME														
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC													
<table border="0"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± 0.2</td></tr> <tr><td>2 PLC</td><td>± 0.1</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table>		0 PLC	± -	1 PLC	± 0.2	2 PLC	± 0.1	3 PLC	± -	4 PLC	± -	ANGLES	± -	108-112000		RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A	
0 PLC	± -																
1 PLC	± 0.2																
2 PLC	± 0.1																
3 PLC	± -																
4 PLC	± -																
ANGLES	± -																
MATERIAL SEE TABLE		FINISH -		APPLICATION SPEC													
		WEIGHT -		SIZE CAGE CODE DRAWING NO RESTRICTED TO													
		CUSTOMER DRAWING		A3 00779 C-1337611													
		SCALE NTS		SHEET 1 OF 2 REV D1													

REVISIONS

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

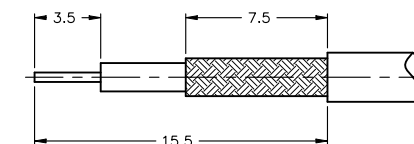
COMPONENTS

MAIN BODY (ITEM 1, 2, 3, 4, 5)	CENTER CONTACT (ITEM 6)	DIELECTRIC (ITEM 7)	SLEEVE (ITEM 8)	FERRULE (ITEM 9)
				

ASSEMBLY INSTRUCTIONS

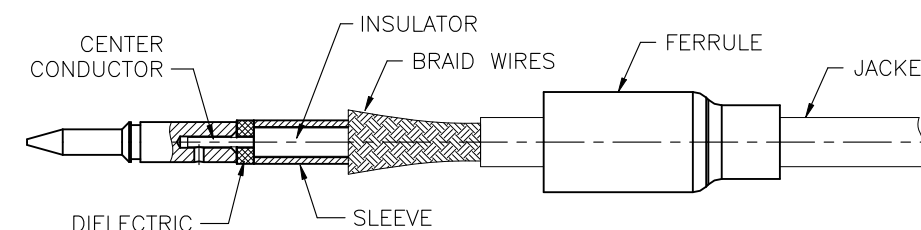
STEP 1: PREPARATION OF CABLE

1. TRIM CABLE TO DIMENSIONS SHOWN. BE CAREFUL TO AVOID NICKING THE BRAID.
2. REMOVE ANY RESIDUAL PLASTIC FROM CENTER CONDUCTOR.



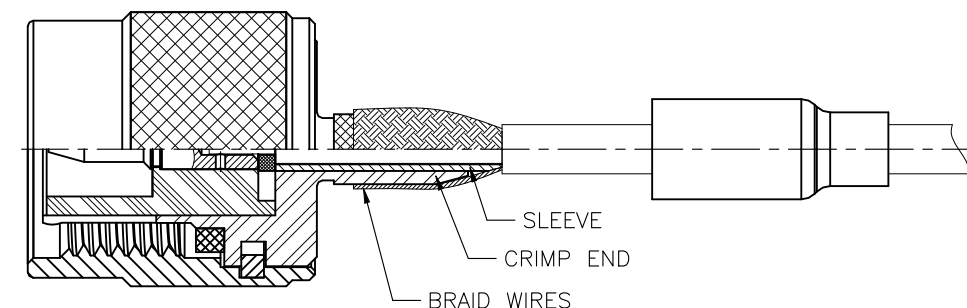
STEP 2: ASSEMBLE FERRULE, SLEEVE, DIELECTRIC AND CENTER CONTACT

1. SLIDE FERRULE ONTO THE JACKET OF CABLE.
2. SLIDE SLEEVE ONTO THE INSULATOR OF CABLE AND FLARE THE BRAID WIRES ON SLEEVE.
3. SLIDE DIELECTRIC ONTO THE CENTER CONDUCTOR OF CABLE.
4. SOLDERING OR CRIMP CENTER CONTACT WITH CABLE.



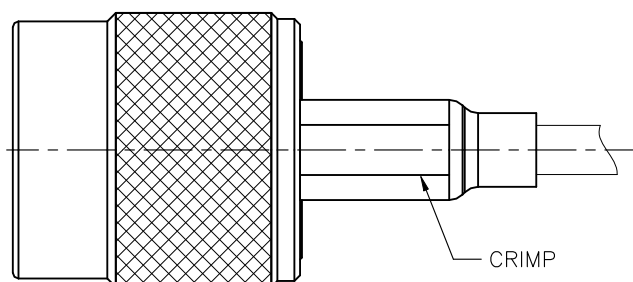
STEP 3: ASSEMBLY WITH BODY

1. INSERT STEP 2 CABLE ASSEMBLY INTO CONNECTOR BODY AND FLARE THE BRAID WIRES ON THE CRIMP END OF BODY.




STEP 4: CRIMP FERRULE

1. SLIDE FERRULE ON THE BRAID WIRES AND CRIMP FERRULE.



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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	15FEB06
CHK S.PARLOW	15FEB06
APVD F.WHEELER-KING	15FEB06
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

STE TE Connectivity Ltd.			
NAME TNC STRAIGHT PLUG CRIMP 50 OHM RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1337611	-
CUSTOMER DRAWING		SCALE NTS	SHEET 2 OF 2 REV D1