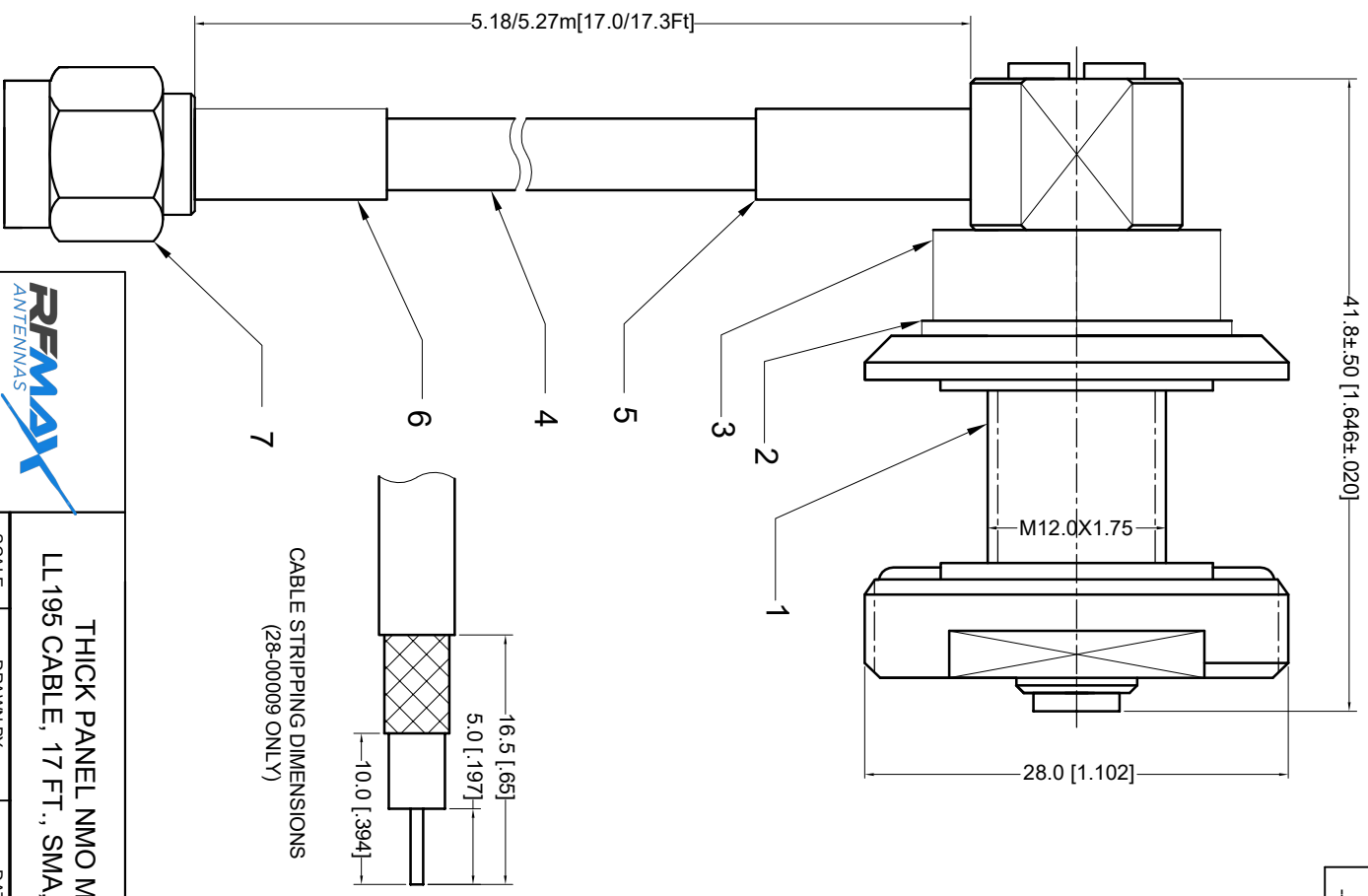


NOTES

1. MATERIAL: BRASS WITH NICKEL PLATING (BODY AND ASSEMBLY).
2. REFERENCE P/N 28-00009 (ITEM 1) FOR DIMENSIONS AND DETAILS FOR BODY ASSEMBLY.
3. ASSEMBLE CONNECTOR BODY AND ASSOCIATED COMPONENTS INCLUDING LOCK-WASHER (11-00010) AND JAM NUT (12-00010) AS SHOWN, REFERENCE DOCUMENT 16-00031 FOR DETAILED ASSEMBLY INSTRUCTION.
4. AFTER VERIFYING PROPER COMPONENT POSITIONS, THREAD JAM NUT (12-00010) TOWARD THE LOCKING NUT (7-00040) UNTIL ALL COMPONENTS ARE RETAINED BETWEEN JAM NUT AND LOCKING NUT WITH LIGHT FINGER TORQUE ONLY.
5. STRIP CABLE (ITEM 2) ACCORDING TO STRIPPING DIMENSIONS SPECIFIED ON THIS DRAWING.
6. **IMPORTANT:** CABLE LENGTH SHALL BE NO LESS THAN SPECIFIED ON THIS DRAWING **AFTER ASSEMBLY.**
7. SLIDE SHRINK TUBE (ITEM 3) AND CRIMP RING FROM 28-00009 ASSEMBLY, OVER THE STRIPPED CABLE END, ALLOW THE CRIMP RING TO FLOAT LOOSE NEAR THE END DURING ASSEMBLY PROCESS.
8. IF ATTACHED, REMOVE BOTTOM CAP FROM THE 28-00009 ASSEMBLY, USING A STANDARD SLOTTED SCREWDRIVER.
9. CAREFULLY INSERT STRIPPED END OF CABLE INTO CABLE SLEEVE OF 28-00009 BODY, CONTINUE INSERTION UNTIL CABLE CENTER CONDUCTOR IS LOCATED COMPLETELY FLARED OVER THE CABLE SLEEVE BODY ON THE 28-00009.
10. USING ROHS COMPLIANT SOLDER, APPLY SOLDER TO THE CENTER CONDUCTOR/CENTER PIN INTERFACE. VERIFY PROPER WETTING OF SOLDER. INSPECT PER QUALITY DEPARTMENT SOLDERING STANDARDS.
11. SLIDE CRIMP RING OVER THE FLAIED BRAID UNTIL COMPLETELY SEATED AGAINST THE 28-00009 BODY. CRIMP THE CRIMP RING USING THE SPECIFIED SIZE (5.41mm/0.213 in) HEXAGONAL CRIMP DIE.
12. SLIDE SHRINK TUBE (ITEM 3) OVER THE CRIMPED RING INTERFACE UNTIL SEATED COMPLETELY AGAINST THE 28-00009 BODY. APPLY HEAT UNTIL SHRINK TUBE IS FULLY COLLAPSED AND CURED. **CAUTION:** DO NOT APPLY EXCESSIVE HEAT TO PREVENT MELTING OR BURNING OF CABLE.
13. VERIFY CENTER PIN SOLDER AREA IS CLEAN FROM DEBRIS AND FOREIGN MATERIALS. ATTACH BOTTOM CAP TO BODY ASSEMBLY. USE FIRM HAND TORQUE WITHOUT DAMAGING SLOTTED CAP SCREW.
14. STRIP CABLE END PER CONNECTOR SPECIFIC DIMENSIONS. ATTACH SHRINK TUBE AND CONNECTOR, APPLY HEAT TO SHRINK.
15. VERIFY CABLE ASSEMBLY PER CONTINUITY TEST AND 30-00027.
16. PLACE ALL CONTENTS INTO POLY BAG AND SEAL.

ITEM #	PART NUMBER	REV.	DESCRIPTION	QTY.	U.O.M.
1	28-00009	A	R/A CONNECTOR ASSEMBLY (NMO)	1	EA.
2	11-00010	A	LOCK-WASHER, INTERNAL TOOTH, M12	5.27	m
3	12-00010	A	JAM NUT, M12 X 1.75P	38.1	mm
4	18-00012	A	195 TYPE LOW LOSS FOAM PE CABLE	5.27	m
5	37-00003	N/A	3:1 SHRINK TUBE, POLYOLEFIN ADHESIVE	38.1	mm
6	37-00004	N/A	2:1 SHRINK TUBE, POLYOLEFIN	1.25	IN
7	14-00021	A	SMA PLUG	1	EA.
REF	23-00400	A	LABEL OR CODE	1	EA.
REF	26-00003	N/A	POLY BAG TUBING	407	mm
REF	30-00027	A	INSPECTION PROCEDURE	1	EA.



CABLE STRIPPING DIMENSIONS
(28-00009 ONLY)

REV	EON	DATE
--	--	--

THE INFORMATION CONTAINED WITHIN THIS DRAWING IS THE SOLE PROPERTY OF RFMAX. ANY PARTIAL OR WHOLE REPRODUCTION OF THIS DRAWING AND/OR INFORMATION HEREIN IS UNAUTHORIZED AND PROHIBITED WITHOUT WRITTEN CONSENT OF RFMAX

**THICK PANEL NMO MOUNT,
LL195 CABLE, 17 FT., SMA, CONTRACT**

SCALE: 2:1

DRAWN BY: AW

DATE: 01/22/2021

SHEET: 1 OF 1

TOLERANCE: .XX = .25
XXX = .127
Angle = ±1°

DRAWING NO.: RNM0V-195-SSM-C-171

REVISION: A