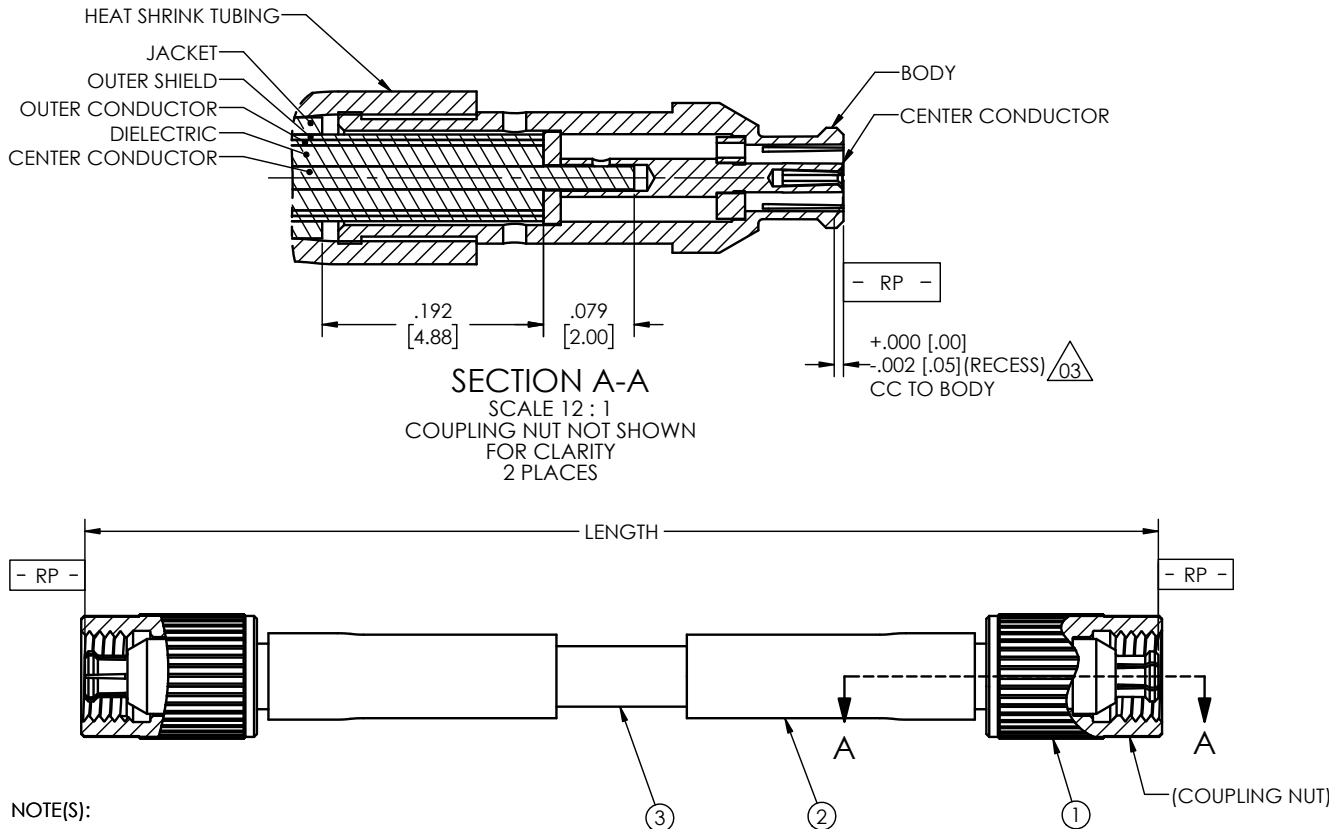
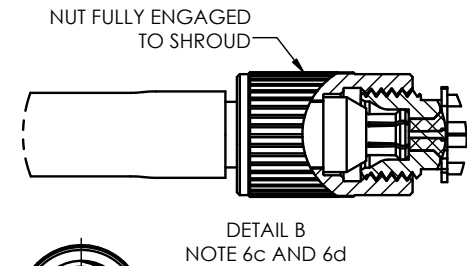
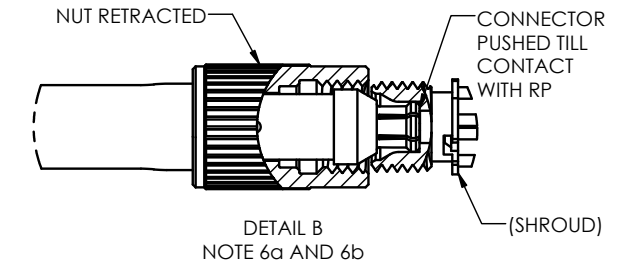


PART NO.	LENGTH ± .25 [6.4]	VSWR $\triangle 07$	IL dB MAX DC-18GHz
TM40-0153-00	6.30 [160.0]		1.3
TM40-0153-01	3.00 [76.2]	DC-15GHz: RL ≤ -20dB 15-18GHz: RL ≤ -14dB (UNGATED)	1.0
TM40-0153-02	9.06 [230.0]		1.5
TM40-0153-03	10.00 [254.0]		1.6



REVISIONS			
REV.	DESCRIPTION	DATE	BY
03	CORRECTED TOLERANCE	5/2/2019	PV
04	CLARIFY BOM, TITLE AND NOTE 4 THAT DWG SPECIFIES BUILD OF 2 CABLE ASSY'S	5/6/2019	PV
05	CABE CHGD TO 16507086-04 FROM 2205241J86 (ETA 105E)	5/23/2019	PV
06	ADDED GN 5; RENUMBERED INSTL NOTE 5 TO 6	6/12/2019	PV
07	ADDED PERFORMANCE REQ'T	7/30/2019	PV



- NOTE(S):
GENERAL:
- SSMP INTERFACE DIMENSIONS PER WS132, EXCEPT DIMENSION NOTED.
 - SOLDER PER IPC-STD-001 USING LEAD-FREE SOLDER.
 - CABLE ASSY'S ARE TO BE BUILT IN PAIRS, 2 PS PHASE MATCHED.
 - MATCHED CABLE PAIRS ARE TO BE FABRICATED, PACKAGED AND SUPPLIED TOGETHER. $\triangle 04$
 - THIS CABLE ASSEMBLY WILL USE STRANDED CENTER CONDUCTOR AND BLACK FLEXIBLE PVC JACKET. $\triangle 06$

INSTALLATION (SEE DETAIL B):

- ENGAGE CONNECTOR TO SHROUD AS FOLLOWS:
 - RETRACT COUPLING NUT FROM CONNECTOR END
 - HANDLING CABLE FROM SHRINK TUBING, PUSH CONNECTOR TILL RESISTANCE IS FELT (FULLY BOTTOMS OUT).
 - ENGAGE NUT TO SHROUD.
 - ROTATE NUT UNTIL FINGER TIGHT.

RF PERFORMANCE:

- SEE TABULATION BLOCK
(NOTE: FORWARD NON-CONFORMING TEST DATA FOR ENGINEERING REVIEW.) $\triangle 07$

AR	AR	AR	AR	16507086-04	078 CABLE, STRANDED	3
4	4	4	4	M23053/4-101-0	TUBING, HEAT SHRINK, 1/8, BLK, ADHSV	2
4	4	4	4	TM14-0085-00	CONN, SSMP, FEMALE, STRAIGHT, TL	1
-03	-02	-01	-00	PART NUMBER	DESCRIPTION	ITEM NO.

DIMENSIONS ARE IN INCHES/[MILLIMETERS] ± TOLERANCES UNLESS OTHERWISE NOTED				THIRD ANGLE PROJECTION		CARLISLE	
.XXX	.XXXX	ANGLE	FRACTIONS	TITLE		SSMP TL TO SSMP TL ON COAXIAL CABLE, 2PS PHASE MATCH, QTY 2 CABLES	
0.005 [.13]	0.0005	0.5		P VOLKOV 4/3/19		REV B 7M294 TM40-0153-0X 07	
NEXT ASSY.				USED ON		SCALE: 6:1	
APPLICATION				FIG. 2		DD NOT SCALE DRAWING 1 OF 1	

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