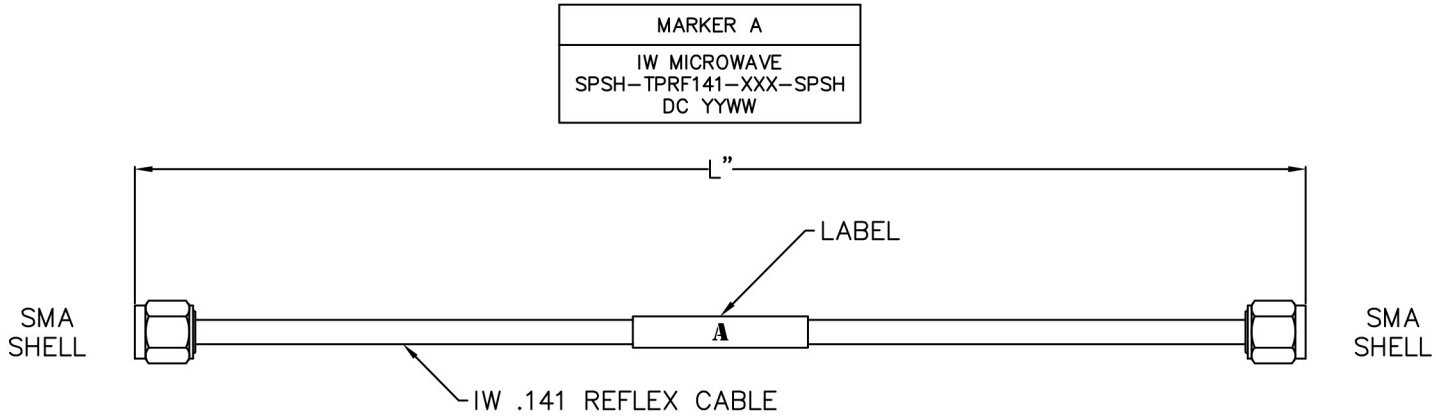


DATE	SYM	REVISION RECORD	AUTH	DR	CK
10/22/12	A	RELEASED	SMM	SMM	JAM
06/19/13	B	ECN 11097	SMM	DAJ	JML



NOTES

1. MATERIALS (ALL MATERIALS USED IN THIS ASSEMBLY ARE ROHS COMPLIANT)

SMA Straight Plug: SPSH-TPRF141 (SEE SPEC)
 Cable: IW TPRF141 (SEE SPEC)
 Strain Relief: N/A
 Label: Polyolefin per AMS-DTL-23053/5
 Solder: SN96

2. PERFORMANCE

Impedance: 50Ω
 Freq. Range: DC - 18 GHz
 Max Loss: $L * (.009 * \text{Sqrt}(f) + 0.0006 * f)$
 Max VSWR: 1.30:1 (DC - 18 GHz)

3. MECHANICAL

Length: "XXX" IN PART NUMBER CORRESPONDS DIRECTLY TO LENGTH OF ASSEMBLY IN TENTHS OF AN INCH.

Tolerance: $L < 36"$ ±.100"
 $36" \geq L < 96"$ ±.250"
 $L \geq 96"$ ±.500"


Labels: $L < 6"$: NO MARKER A; BAG LABEL ONLY
 $6" \geq L < 120"$: MARKER A IS CENTRALLY LOCATED
 $L \geq 120"$: 2x MARKER A; ONE AT EACH END APPROX. 6.0" FROM CONNECTOR.

4. Min. Bend Radius: 0.125 INCHES

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 <p>INSULATED WIRE INC. MICROWAVE PRODUCTS DIVISION 20 EAST FRANKLIN STREET DANBURY, CT 06810</p>		<p>FSCM OHRT9</p>		
<p>UNLESS OTHERWISE SPECIFIED</p> <p>TOLERANCES: ANGLE=1° .XX=±.01 .XXX=±.005 .XXXX=±.0005 FINISH: 63 MICROINCHES MAX. BREAK SHARP EDGES .003 MAX. CHAMFER 1ST THREAD 45° ALL DIAMETERS TO BE CONCENTRIC WITHIN .003 TIR ALL DIMENSIONS AFTER PLATING DIMENSIONS ARE IN INCHES</p>		<p>DRAWN BY SMM</p> <p>APPROVED JAM</p> <p>SCALE N/A</p>	<p>DATE 10/22/12</p> <p>DATE 11/09/12</p> <p>DRAWING SIZE A</p>	<p>TITLE SMA SHELL CONNECTORS ON .141 REFLEX CABLE</p> <p>DRAWING NUMBER SPSH-TPRF141-XXX-SPSH</p> <p>REV B</p>

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