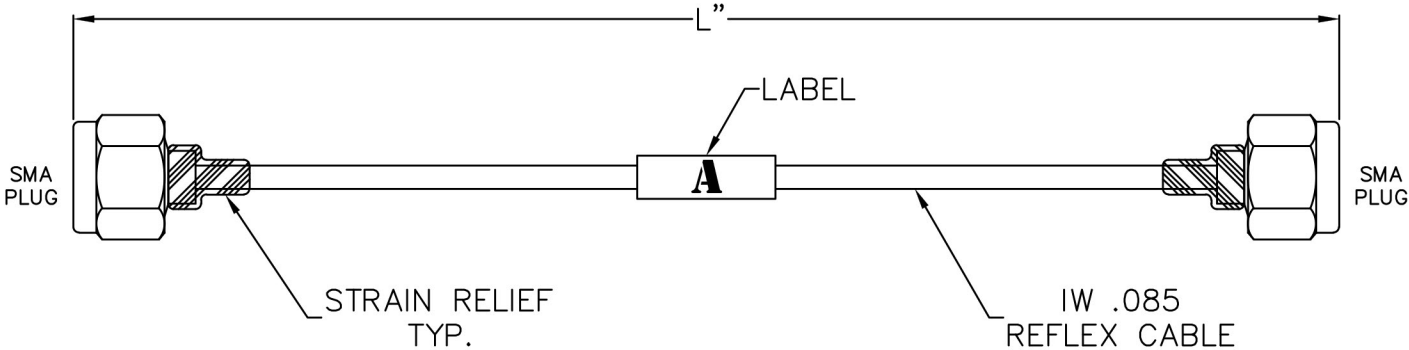


SPSD-TPRF085-XXX-SPSD SPEC

DATE	SYM	REVISION RECORD	AUTH	DR	CK
06/14/13	A	RELEASED	SMM	DAJ	SMM
06/17/13	B	ECN 11098	SMM	DAJ	JML

MARKER A
 IW MICROWAVE
 SPSD-TPRF085-XXX-SPSD
 DC YYWW



NOTES


- MATERIALS (ALL MATERIAL USED IN THIS ASSEMBLY ARE ROHS COMPLIANT)
 SMA Direct Solder Plug: SPSD-TPRF085 (SEE SPEC)
 Cable: IW TPRF085 (SEE SPEC)
 Strain Relief: Polyolefin per AMS-DTL-23053/5
 Labels: Polyolefin per AMS-DTL-23053/5
 Solder: SN96
- PERFORMANCE
 Impedance: 50Ω
 Freq. Range: DC - 18 GHz
 Max Loss: $L * (.015 \text{ Sqrt}(f) + .0007 * f) + (.012*f) * 2$
 Max VSWR: 1.35:1 (DC - 18 GHz)
- MECHANICAL
 Length: "XXX" IN PART NUMBER CORRESPONDS DIRECTLY TO LENGTH OF ASSEMBLY IN TENTHS OF AN INCH.
 Tolerance: $L < 36"$ ±.100
 $36" \leq L < 96"$ ±.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. 6.00" FROM CONNECTOR.
- MIN. BEND RADIUS: .0625 INCHES.

Distributed by:



HASCO, INC
 COMPONENTS DISTRIBUTOR
 5214 Bonsai Street
 Moorpark, CA
 (888) 498-3242
 www.hasco-inc.com

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INSULATED WIRE INC. AND SHALL NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION

 INSULATED WIRE INC. MICROWAVE PRODUCTS DIVISION 20 EAST FRANKLIN STREET DANBURY, CT 06810		FSCM OHRT9
UNLESS OTHERWISE SPECIFIED 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		DRAWN BY: DAJ DATE: 06/14/13 APPROVED: SMM DATE: 06/14/13 SCALE: N/A DRAWING SIZE: A
TITLE: SMA Direct Solder Plug on .085 Reflex Cable		DRAWING NUMBER: SPSD-TPRF085-XXX-SPSD REV: A