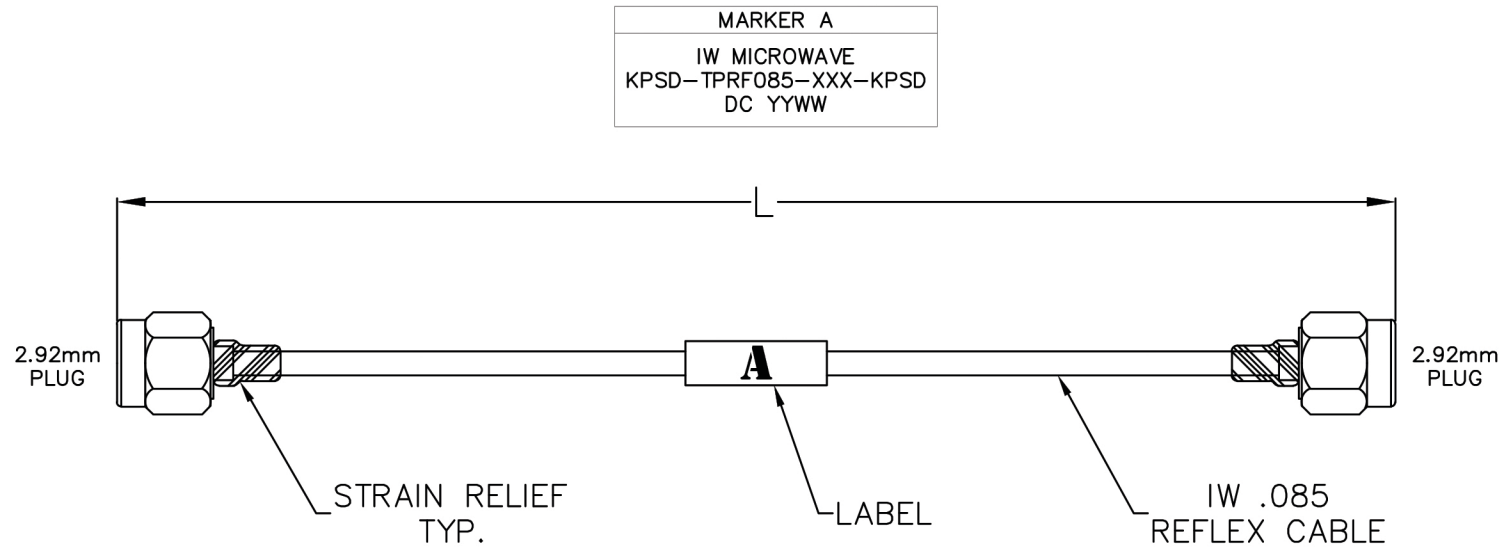


KPSD-TPRF085-XXX-KPSD SPEC

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



NOTES

- MATERIALS (ALL MATERIAL USED IN THIS ASSEMBLY ARE ROHS COMPLIANT)
 - 2.9mm Direct Solder Plug: KPSD-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 - 40 GHz
 - Max Loss: $L * (.015 \text{ Sqrt}(f) + .0007 * f) + (.010 * f) * 2$
 - Max VSWR: 1.35:1 (DC - 40 GHz)

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

Tolerance:

$L < 36"$	$\pm .100$
$36" \leq L < 96"$	$\pm .250$
$L \geq 96"$	$\pm .500$

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: .125 INCHES.

DISTRIBUTED BY:



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INSULATED WIRE INC. MICROWAVE PRODUCTS DIVISION 20 EAST FRANKLIN STREET DANBURY, CT 06810				FSCM OHRT9
UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	TITLE
TOLERANCES: ANGLE=1° .XX=±.01		DAJ	06/17/13	2.92mm Direct Solder Plug on .085 Reflex Cable
.XXX=±.005 .XXXX=±.0005		APPROVED	DATE	
FINISH: 63 MICROINCHES MAX.		JML	06/17/13	
BREAK SHARP EDGES .003 MAX.		SCALE	DRAWING SIZE	DRAWING NUMBER
CHAMFER 1ST THREAD 45°		N/A	A	KPSD-TPRF085-XXX-KPSD
ALL DIAMETERS TO BE CONCENTRIC				REV
WITHIN .003 TIR				A
ALL DIMENSIONS AFTER PLATING				
DIMENSIONS ARE IN INCHES				