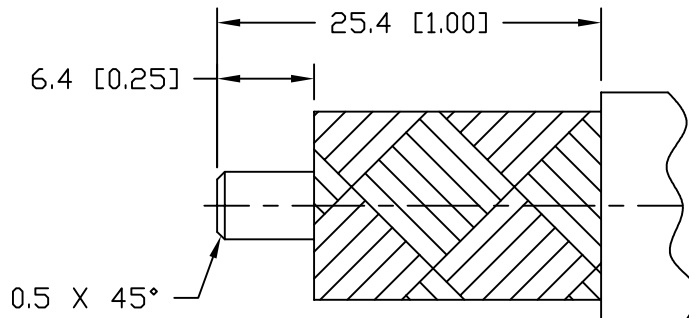
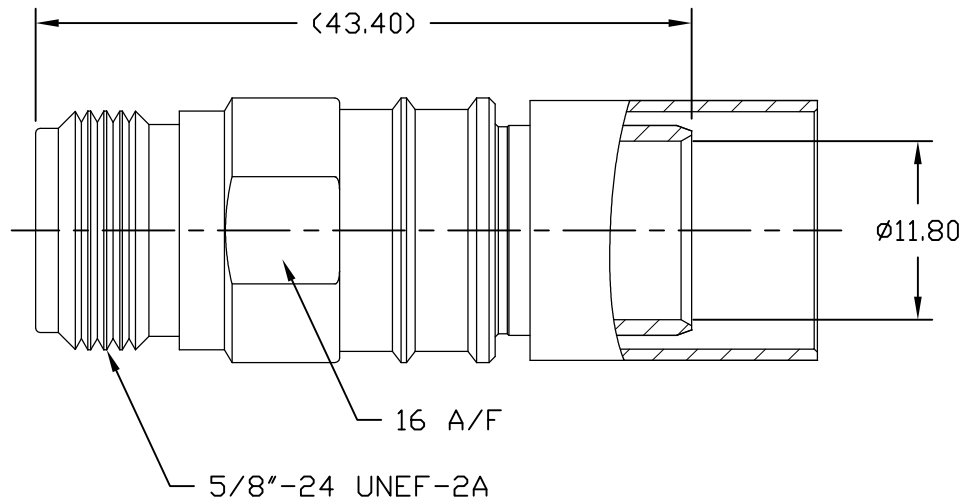


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	12/11/12	J. D. B.	12/12/12



CABLE PREP.
USE CST-600
(3192-052)
.610" HEX.



Reference Standard IEC60169-16

I. Electric Performance

Nominal Impedance(Ω): 50
Frequency Range: DC-6GHz
VSWR: $\leq 1.3(0-6\text{GHz})$
Insert Loss(dB): ≤ 0.10
Insulation resistance(M Ω): >5000
Proof Voltage(V): 2500
Conductor resistance(m Ω): outer conductor <0.4
inner conductor <0.8

II. Mechanical Performance

Retention: $\geq 0.56\text{N}$
Tensile force(cable-connect): 400N
Torsion(cable-connect): 2N.m

III. Material and plating

Component	Material	Plating
Inner conductor	Spring Copper	Au $>1.27\mu\text{m}$
Outer conductor	Brass	Copper-tin-zinc $>2\mu\text{m}$
Insulator	PTFE	

IV. Environment

Temp. range	-55°C~+155°C
Weather standard	IEC 60068 55 / 155/ 56
Thermal shock	US MIL-STD 202, Meth.107, Cond.B
Vibration	US MIL-STD 202, Meth.204, Cond.B
Shock	US MIL-STD 202, Meth.213, Cond.I

ROHS Compliant

V. Assembly: inner conductor soldered and outer conductor crimped

MATL:		UNLESS OTHERWISE SPECIFIED		DFTM.	TIMES MICROWAVE SYSTEMS				
		ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS N/A MAX. BREAK MACHINE CORNERS N/A MAX. FILLET R. TOLERANCES ON DECIMALS . XX ± N/A . XXX ± N/A ANGLES ± 1° FRACTIONS ± N/A		DATE	12/11/12				
USED ON: O-O				CHKD.	J. D. B.				
				DATE	12/12/12				
				APPD.	J. D. B.				
SCALE: N/A		DWG. SIZE: A	DO NOT SCALE DRAWING	CODE IDENT: 68999	DATE: 12/12/12	SH: 1 of 1	SD3190-2816		REV: A