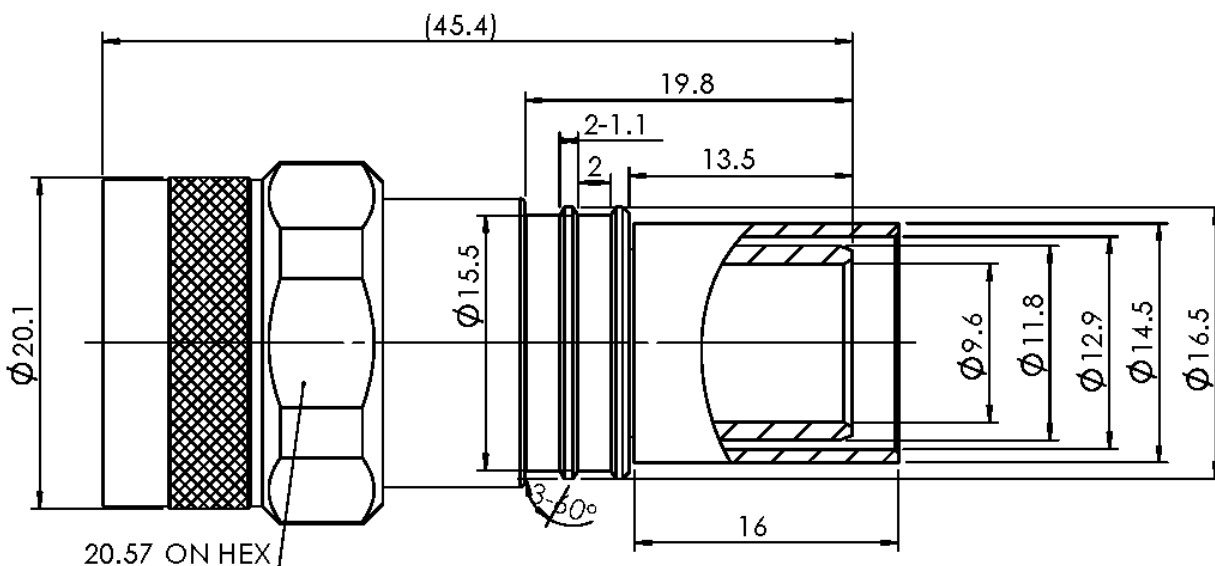


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	<i>K.A.M.</i>	1/21/10	<i>J.D.B.</i>	3/5/10



Reference standard IEC60169-16

1. Electric Performance

Nominal Impedance(Ω):

Frequency Range:

VSWR:

VSWR:

Insert Loss:

Insulation resistance (MΩ)

Proof voltage (V)

Conductor resistance (mΩ)	2000 outer conductor <0.4 inner conductor <0.8
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II. Mechanical Performance

Nut torque 5N.m

Net torque	500 N
(Nut) Whorl pull	500 N

Tensile force (cable-connect)

Torsion(cable-connect)

persistent (stable) connection,

III、Material and plating :

Inner conductor: Brass Plating Au $\geq 0.3\mu\text{m}$

Inner conductor: Brass
Outer conductor: Brass

Tube: copper Plating Copper-tin-zin 2µm

Tube:	Copper	Plating Copper
Nut:	Brass	Plating Ni≥5μm

Not: brass Flaring
Gasket: Silicone rubber

Insulator:

IV、Environment

Temp.range

Weather standard

Thermal shock

Vibration

Shock

Waterproofing standard

Waste processing and transfer

V、Assembly: inner conductor soldered and
outer conductor crimped

VI、ROHS Compliant.

MATERIAL:		UNLESS OTHERWISE SPECIFIED				DFTM. K. A. M.		TIMES MICROWAVE SYSTEMS				
		ALL DIMENSIONS ARE IN mm				DATE 1/21/10						
USED ON:		TOLERANCES ON DECIMALS				CHKD. J. D. B.		N MALE FOR LMR-500				
		. X ± 0.2 . XX ± 0.1				DATE 3/5/10						
		ANGLES ± 3				APPD. J. D. B.						
		SURFACE FINISH: 1.6μ										
SCALE: ~		DWG. SIZE A	DO NOT SCALE DRAWING		CODE IDENT	68999	DATE 3/5/10	SHEET	1 of 1	SD3190-2514	REV	A