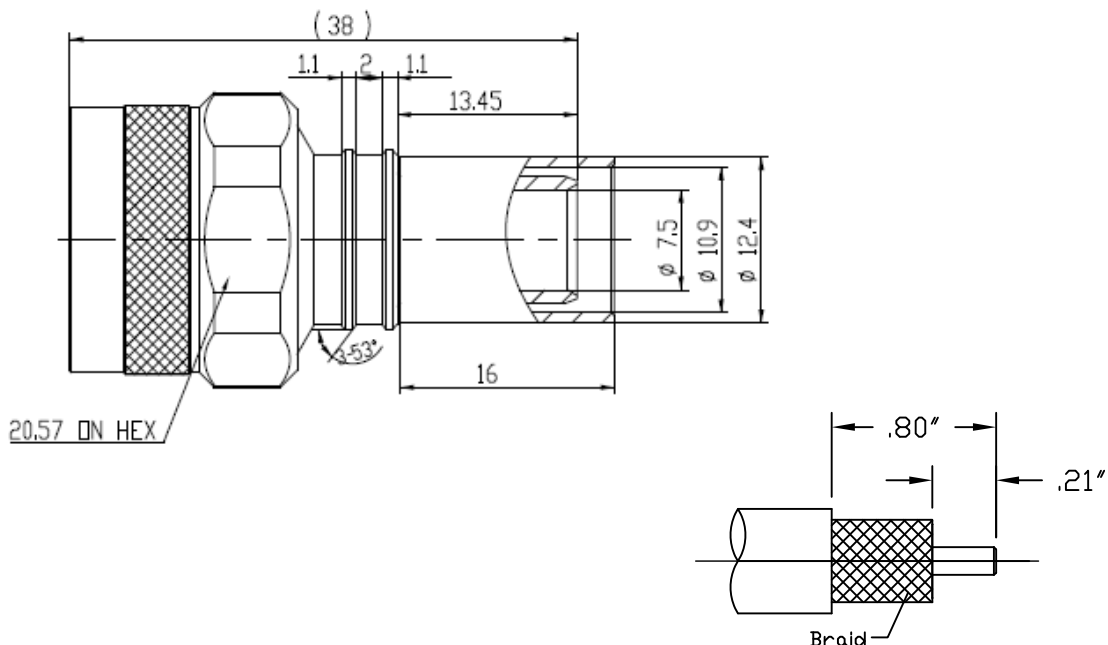


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N.N.N	11/18/13	J.D.B.	12/3/13



Reference standard

IEC60169-16

I. Electric Performance

Impedance(Ω):

Frequency Range:

VSWR:

Insert Loss: (dB)

Insulation resistance (M Ω)

Proof voltage (V)

Conductor resistance (m Ω)

50

DC-6GHz

≤ 1.3

≤ 0.05

> 5000

1500

outer conductor < 0.4
inner conductor < 0.8

IV. Environment

Temprange

Weather standard

Thermal shock

Vibration

Shock

Waterproofing standard

-40 $^{\circ}$ ~+85 $^{\circ}$ C

IEC 60068 40 / 085/ 21

US MIL-STD 202,Meth.107,Cond.B

US MIL-STD 202,Meth.204,Cond.B

US MIL-STD 202,Meth.213,Cond.I

IP67

V. Assemble: inner conductor installed and outer conductor crimped

II. Mechanical Performance

Nut torque

(Nut)Whorl pull

Tensile force(cable-connector)

Torsion(cable-connector)

5N.m

500N

400N

2N.m

III. Material and plating:

Component

Inner conductor

Outer conductor

Tube:

Nut:

Gasket:

Insulator:

Material

Beryllium Bronze

Brass

copper

Brass

Silicone rubber

PTFE

Plating

Au50 micro inches over nickel 100 over copper

Copper-tin-zinc 100-150 micro inches

Copper-tin-zinc 100-150 micro inches

Copper-tin-zinc 100-150 micro inches

MATL:

UNLESS OTHERWISE SPECIFIED

ALL DIMENSIONS ARE IN mm

DFTM. N. N. N

DATE 11/18/13

CHKD. J. D. B.

DATE 12/3/13

APPD. J. D. B.

DATE 12/3/13

SH

TIMES MICROWAVE SYSTEMS

EZ-400-NMH-PL-X

CONNECTOR, NM

FOR LMR400-LLPL

USED ON:

O-O

SCALE: ~

DWG. SIZE A

DO NOT SCALE DRAWING

CODE IDENT

68999

DATE 12/3/13

1 of 1

SD3190-2961

REV A