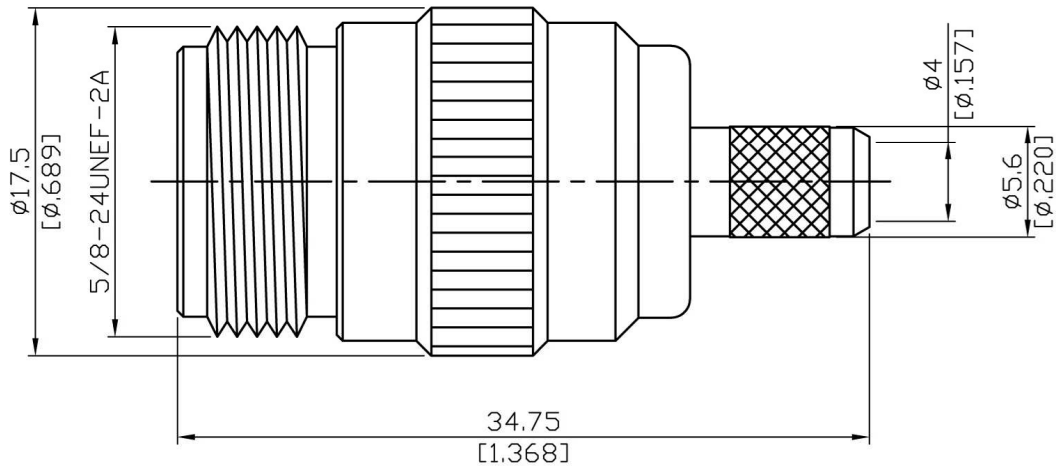


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N Jack Crimp For LMR240

50Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: LMR240

This part number complies with RoHS.

Notice:

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Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 4GHz
VSWR	≤ 1.2 (DC to 4GHz)
Insertion loss	≤ 0.05 x √f(GHz) dB
Insulation resistance	≥ 5000MΩ
Contact resistance inner conductor	≤ 1.5mΩ
Contact resistance outer conductor	≤ 1mΩ
Dielectric withstanding voltage (at sea level)	2500 V rms
Working voltage (at sea level)	1000 V rms

Mechanical Data

Recommended coupling nut torque	6 to 10 inch lbs
Coupling proof torque	15 inch lbs
Contact captivation-axial	≥ 6.3 lbs
Durability (mating)	≥ 500

Environmental Data

Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

Tooling

Crimping tool
Crimp insert

Notice:

CABLE ASSEMBLY INSTRUCTION

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DATE

2020/08/05

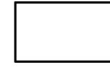
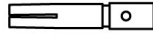
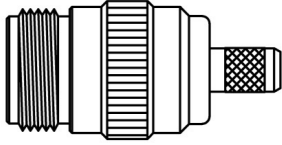
REV

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A

B

C



BODY

CONTACT PIN

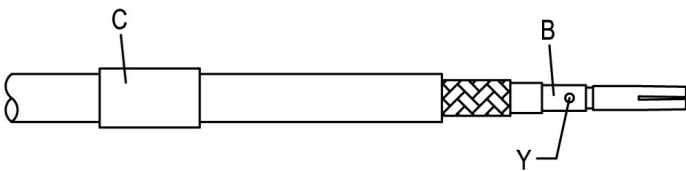
FERRULE

DIAGRAM

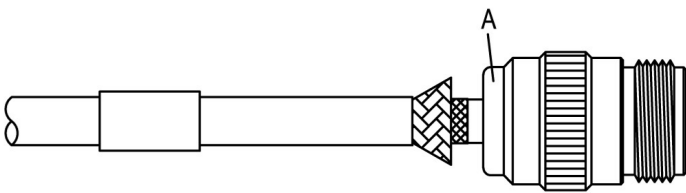
ASSEMBLY INSTRUCTION



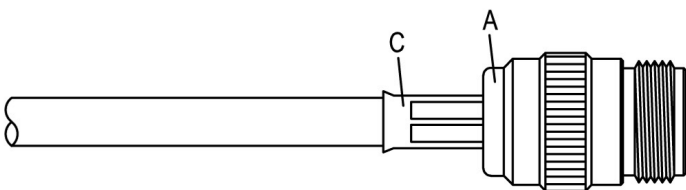
Step 1: STRIP AS SHOWN.



Step 2: SLIDE FERRULE " C " OVER CABLE.
Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".



Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.



Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP.
(USE 6.5mm/0.256inch HEX SECTION OF INSERT-E)

This part number complies with RoHS.

Notice:

APPROVED

CHECKED

DRAWING