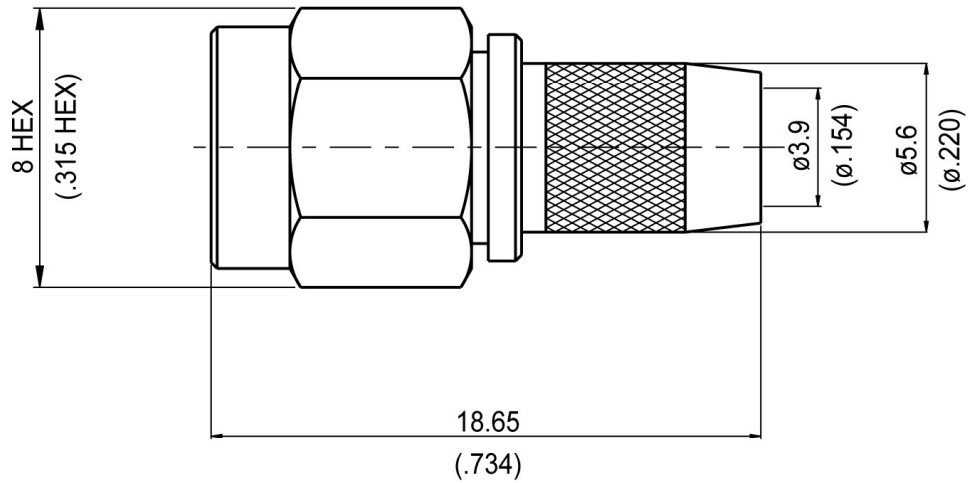


3126300155

SMA Plug Crimp For LMR240

50Ω



Parts	Material	Plating(Micro-inch)
Ferrule	Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 4.45 g
 Suitable Cables: LMR240

This part number complies with RoHS.
 Notice:

3126300155

Interface

MIL-STD-348B

Mechanically compatible with 2.92 & 3.5

Electrical Data

Impedance 50Ω
Frequency range DC to 6GHz
VSWR ≤ 1.2 (DC to 6GHz)
Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance $\geq 5000\text{M}\Omega$
Contact resistance inner conductor $\leq 3\text{m}\Omega$
Contact resistance outer conductor $\leq 2\text{m}\Omega$
Dielectric withstanding voltage (at sea level) 1000 V rms
Working voltage (at sea level) 335 V rms

Mechanical Data

Recommended coupling nut torque 4 inch lbs
Coupling proof torque 5.3 inch lbs
Coupling nut retention force ≥ 60.7 lbs
Contact Captivation-axial ≥ 6.1 lbs
Durability (mating) ≥ 100

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

CABLE ASSEMBLY INSTRUCTION

3126300155

DATE

2014/04/29

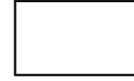
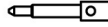
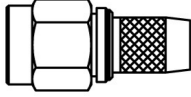
REV

—

A

B

C



BODY

CONTACT PIN

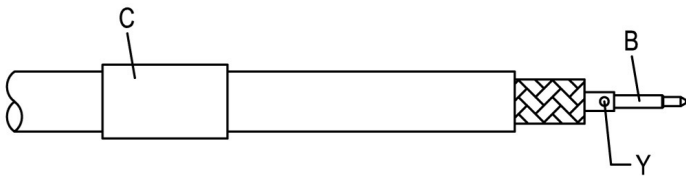
FERRULE

DIAGRAM

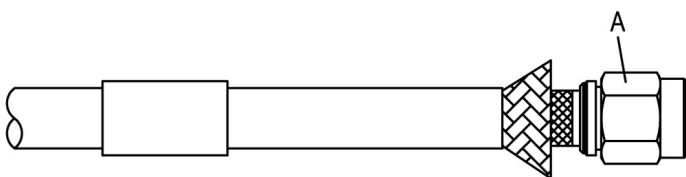
ASSEMBLY INSTRUCTION



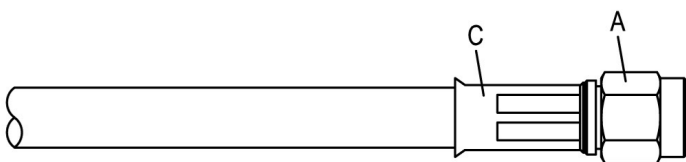
Step 1: STRIP AS SHOWN.



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