

SRI CONNECTOR GAGE'S ZMA is one of the few manufactures providing ZMA's which conforms to MIL/STD/248. Our ZMA series are precision connectors designed for microwave applications DC through 18 GHz. The ZMA is electrically equivalent to the SMA series. The ZMA series is designed with a stainless steel construction body and hand mates with only a quarter turn—great for constricted spaces.

General

Materials: SST. Corrosion-resistant, Non-magnetic 303, per ASTM A484 & A582. Beryllium Copper per ASTM-B-196, QQ-C-530, PTFE Fluorocarbon per ASTM-D-1710

Finish: Center contacts and solder components shall be plated per MIL-G-45204 Type II, Class I over Nickel plate per QQ-N-290, Body & Body components shall be passivated per ASTM A380

Electrical Frequency:

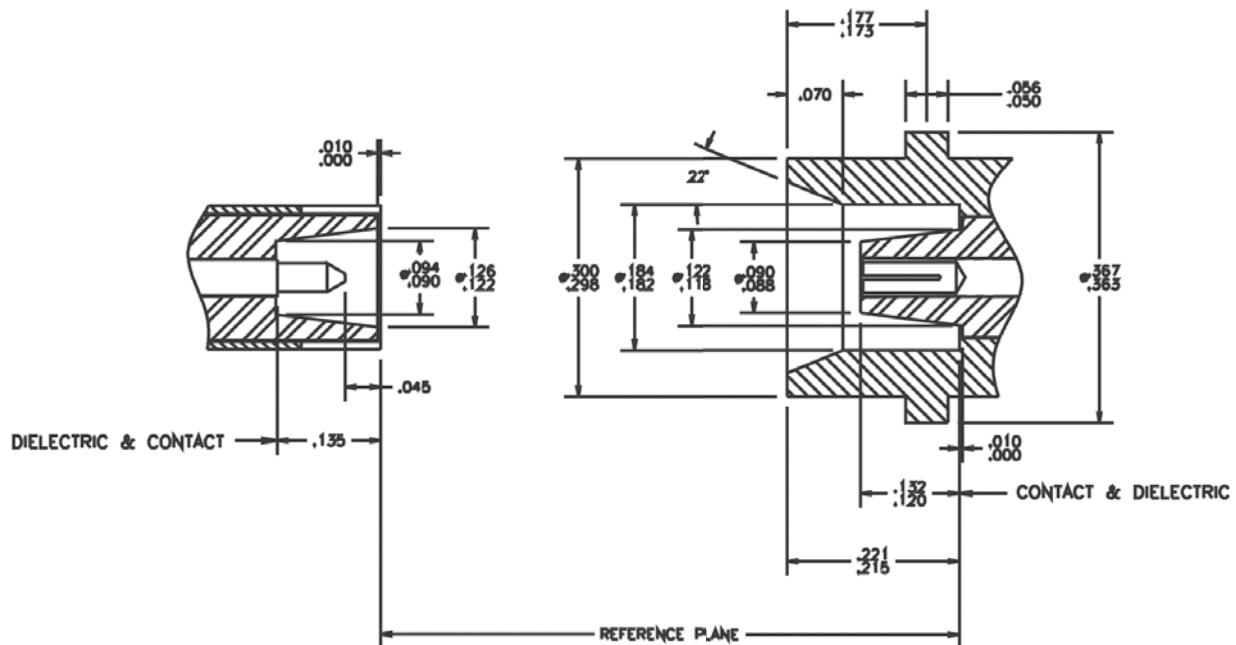
Nominal Impedance: *DC-18 GHz*
Temperature Rating: 50 Ohms
VSWR: -55° C to 125° C
 1.15:1 to 18 GHz

Mechanical Connector

Durability: Contact
Torque: 500 cycles minimum
 4.0 inch-ounces minimum

Environmental

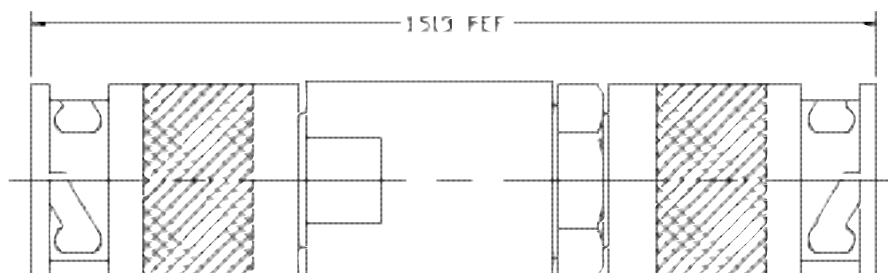
Corrosion (salt spray): MIL-STD-202, method 101, test condition B 5% salt solution
Vibration High Frequency: MIL-STD-202, method 204, test condition D (20 G's)



50-950-0000-01

ZMA Plug to ZMA Plug

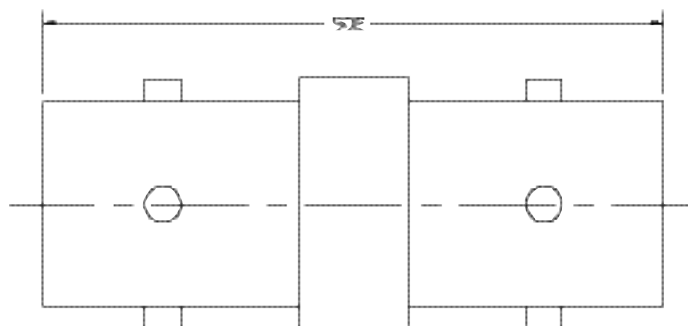
DC-18 GHz



51-951-0000-01

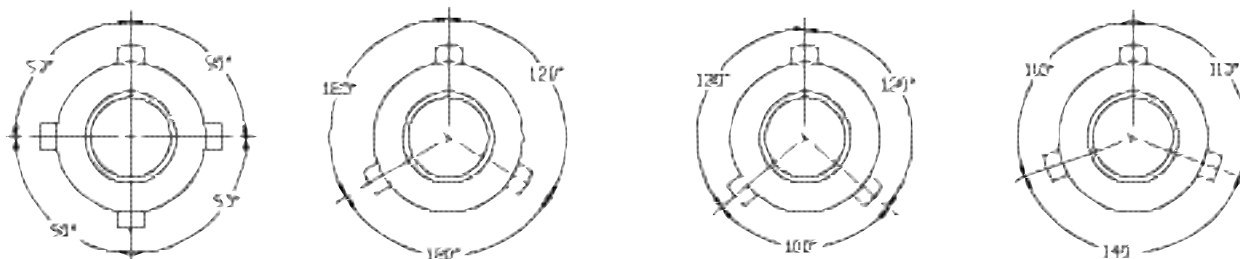
ZMA Jack to ZMA Jack

DC-18 GHz



ZMA

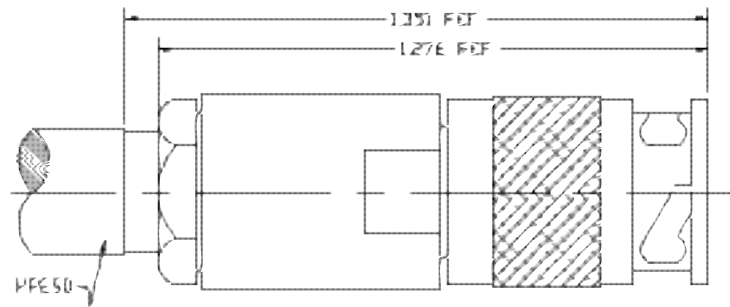
Keying Options:



50-000-1529-01

ZMA Plug to HP290 Solder
Clamp

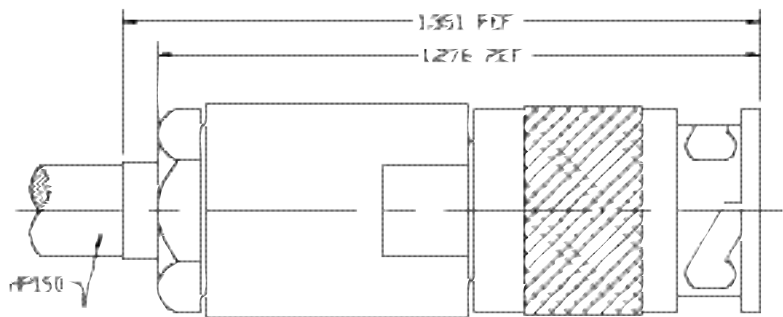
DC-18 GHz



50-000-1590-01

ZMA Plug to HP190 Solder
Clamp

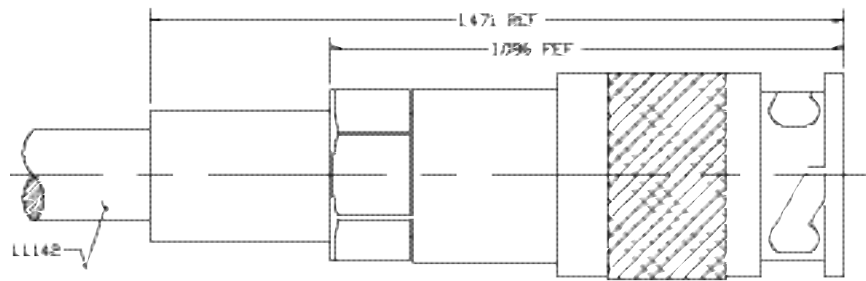
DC-18 GHz



50-000-1597-01

ZMA Plug to LL142 Solder
Clamp

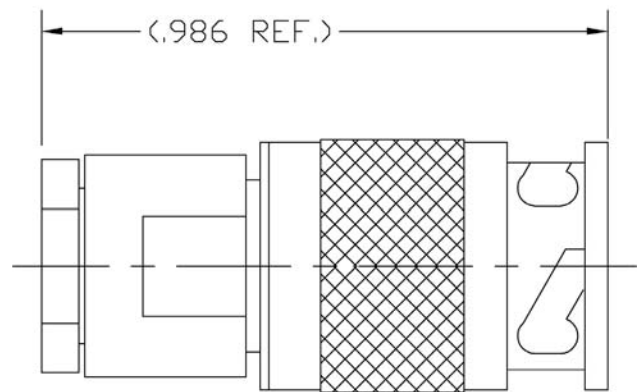
DC-18 GHz



50-000-1541-01

ZMA Plug to .141 S/R Solder
Clamp

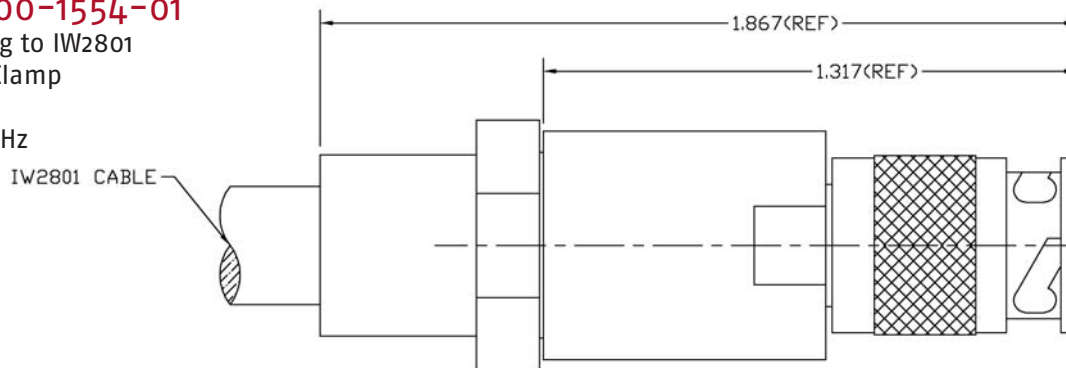
DC-18 GHz



50-000-1554-01

ZMA Plug to IW2801
Solder Clamp

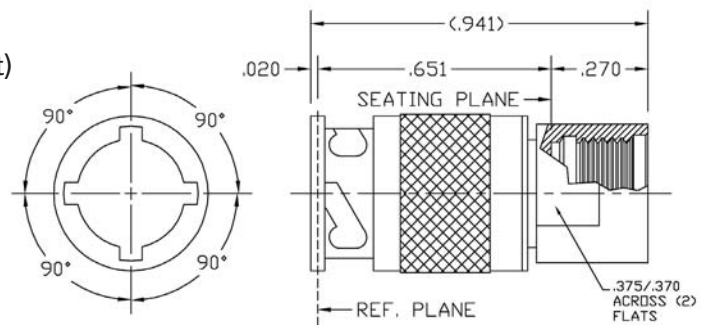
DC-18 GHz



50-000-1576-01

ZMA Plug to UFB142A
(Not Included: Solder Ferrule and Clamp Nut)

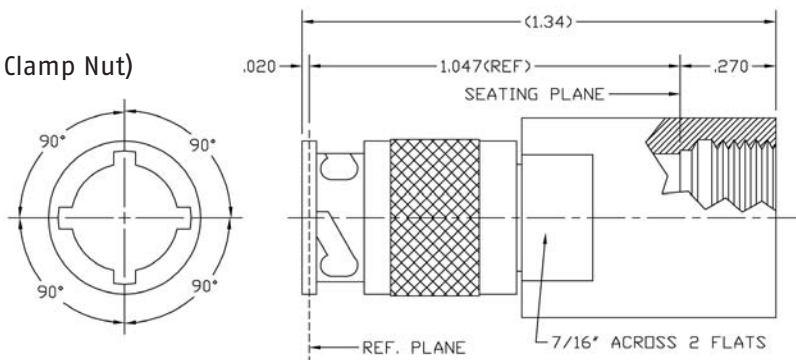
DC-18 GHz



50-000-1577-01

ZMA Plug to UFB311A
(Not Included: Solder Ferrule and Clamp Nut)

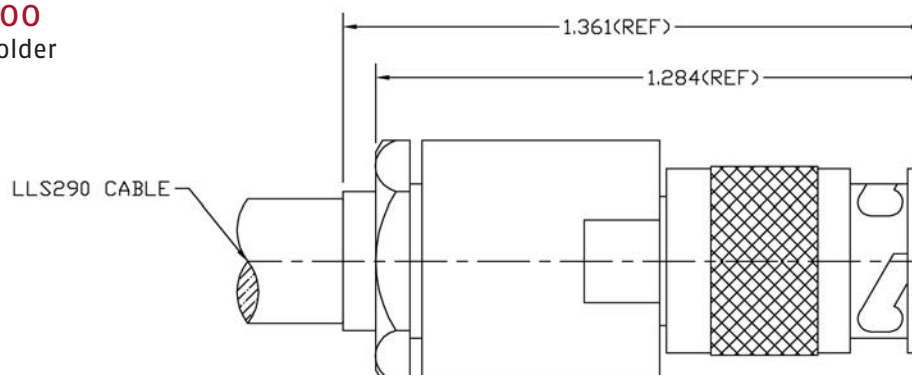
DC-18 GHz



50-000-1589-00

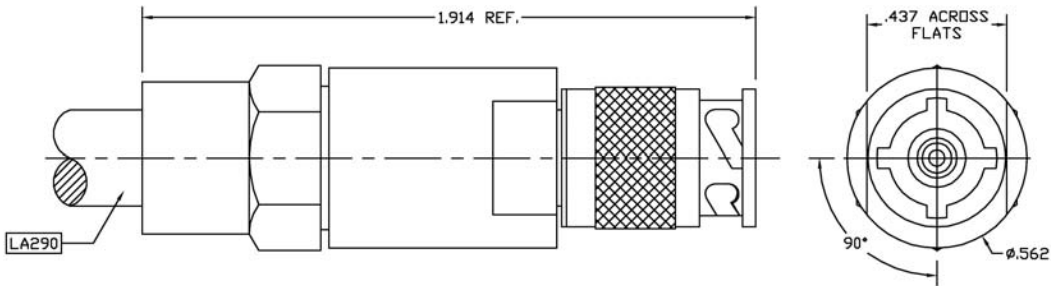
ZMA Plug to LLS290 Solder
Clamp

DC-18 GHz



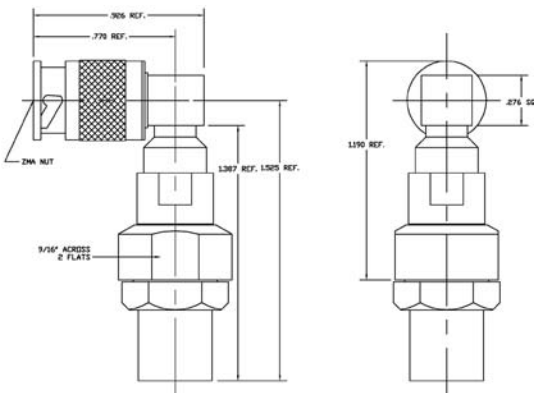
50-000-1598-01
ZMA Plug to LA290 Solder
Clamp

DC-18 GHz



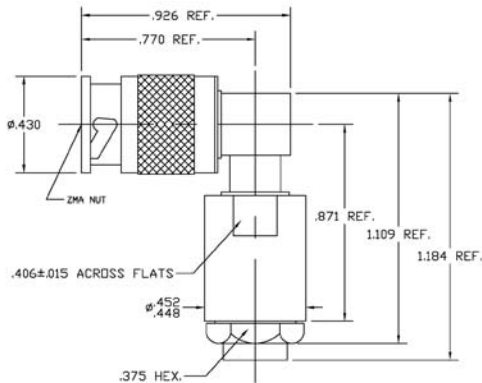
50-040-1531-01
ZMA Plug R/A to HF290
Solder Clamp

DC-18 GHz



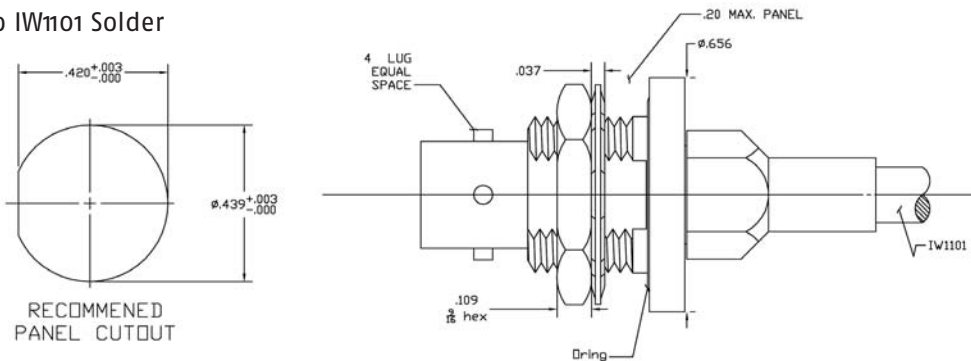
50-040-1598-01
ZMA Plug R/A to LA290
Solder Clamp

DC-18 GHz



51-020-1551-01
ZMA Jack Bulkhead to IW1101 Solder
Clamp

DC-18 GHz



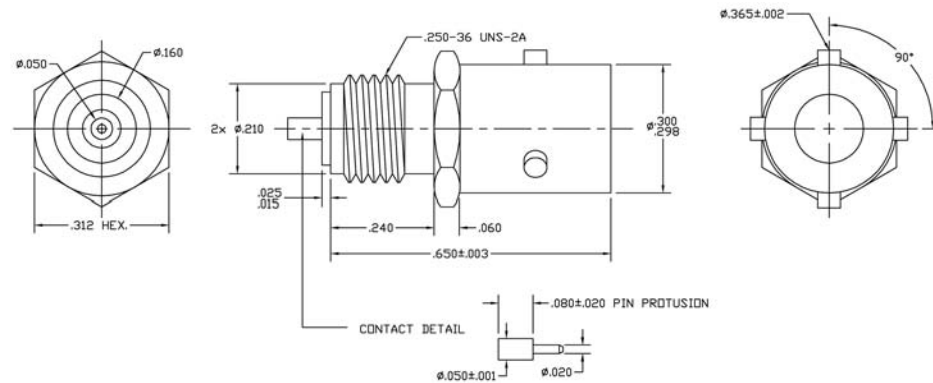
ZMA Receptacles



51-100-1000-01

ZMA Jack Stripline

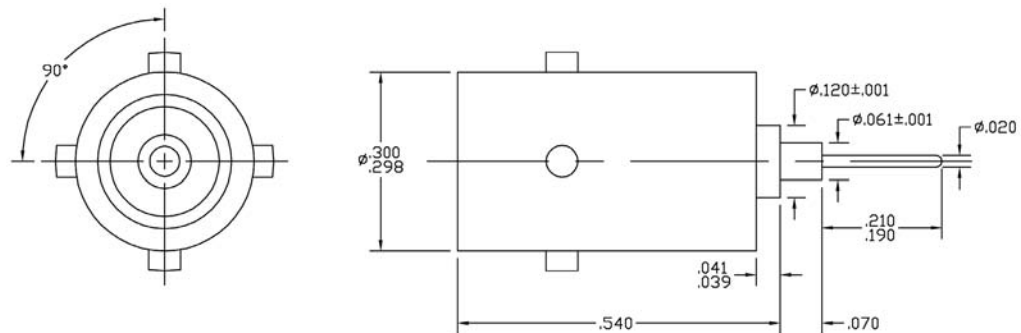
DC-18 GHz



51-100-1040-01

ZMA Jack End Launch
Hermetic

DC-18 GHz



51-150-1500-01

ZMA Jack Sparkplug
Accepts .020" Diameter Pin

DC-18 GHz

