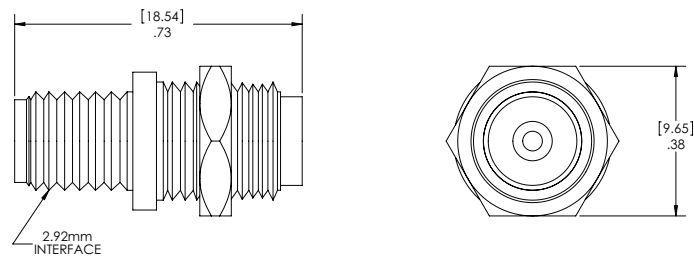


CROSS REFERENCE TABLES

| | STANDARD/ 90 SERIES RECEIVER MODULE |
|---------------------|--|
| RECEIVER CONTACT | 510 104 224 |
| 610 102 114 | X |

| | STANDARD/ 90 SERIES ITA MODULE |
|----------------|---|
| ITA CONTACT | 510 108 169 |
| 610 102 114 | X |

CONTACT PERFORMANCE SPECIFICATIONS



Receiver/ITA Contact
Part # 610 102 114

Dimensions shown: [millimeters]
inches

Electrical Specifications

| | |
|------------------------------|--|
| IMPEDANCE | 50 Ohms |
| TEMPERATURE RANGE | -50°C to 125°C |
| RECOMMENDED CONNECTOR | SMA for applications up to 18 GHz 3.5 mm for frequencies <26 GHz 2.92 mm for frequencies >26 GHz |
| CONTACT ISOLATION | -85 dB min |

| FREQUENCY RANGE (GHZ) | INSERTION LOSS (MAX dB) | VSWR (MAX) |
|-----------------------|-------------------------|------------|
| DC - 18 | 0.3 | 1.35 |
| 18 < 40 | 1.5 | 1.55 |

3

Mechanical Characteristics

| | |
|---------------------|------------------------|
| CYCLE LIFE | 20,000 |
| MATING FORCE | 1.5 lbs max. [0.68 kg] |

Material

| | |
|-------------------------|--|
| OUTER SHIELD | Stainless Steel, Class 303 Passivated per ASTM - A380 |
| CENTER CONDUCTOR | BeCu per ASTM - B196 or ASTM - B197 Au per MIL-G-45204 |