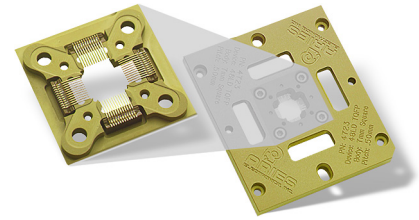




High-Temp (up to 250°C) RF Test Socket with Replaceable Contact Strips

FEATURES

- User replaceable patented Microstrip™ contacts which lie flat on the DUT board, and becomes part of the transmission line decreasing down-time
- Same high-frequency performance of our standard Microstrip™ contacts
- Available in lead pitches from 0.4mm to 5.0mm
- Easy-to-use removal / insertion tool shipped with every order
- Replaceable contact strips available in just one week
- Socket alignment pins provide accurate socket location to test board
- Frequency response data available up to 19GHz



GENERAL SPECIFICATIONS

- SOCKET BODY MATERIAL: either PEEK or Torlon® PAI
- HARDWARE: Stainless Steel
- CONTACT RESISTANCE: <70 mΩ
- CONTACT INDUCTANCE: 0.01nH
- CURRENT RATING: 4A (max.)
- ESTIMATED CONTACT LIFE: 500,000 cycles
- CONTACT FORCE: Consult Factory
- INSERTION LOSS: <1dB to 16.7GHz (at 0.50mm pitch)
- OPERATING TEMPERATURE: -40°C to 200°C (or 250°C upon request)

ORDERING INFORMATION

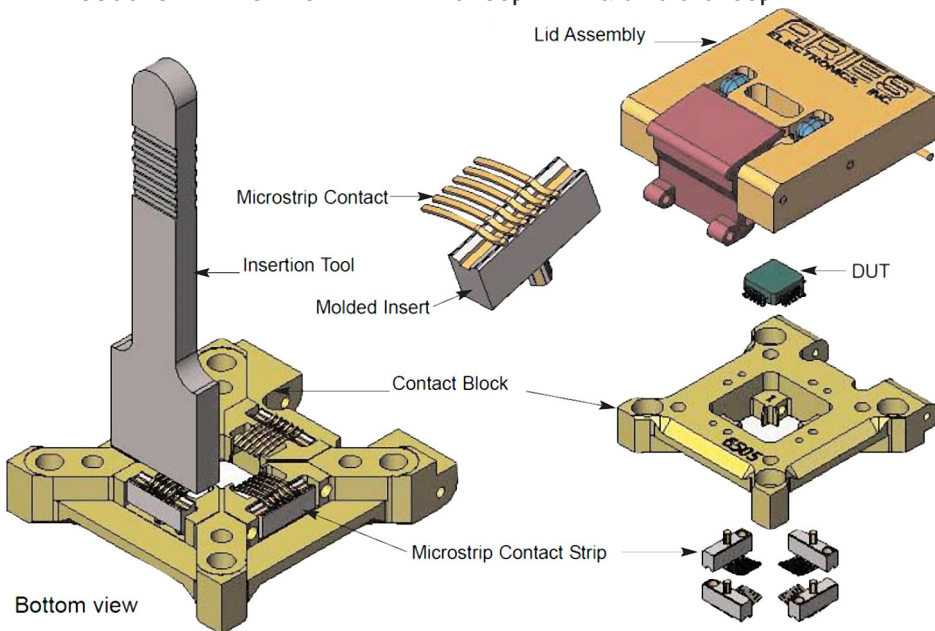
Consult Factory for P/N

MOUNTING CONSIDERATIONS

- SUGGESTED MOUNTING HOLE SIZE: 0.120 [3.05] 4 places for #4-40 Screws
- SUGGESTED LOCATING PIN HOLE SIZE: 0.063 [1.6] 4 places
- SUGGESTED TEST BOARD PLATING: 30µ min. hard Au over 50µ min. Ni

TEST REPORTS

- [Microstrip CSP Socket DC Cycling](#)
- [Microstrip CSP Socket DC Measurement](#)
- [Microstrip CSP Socket RF Cycling](#)
- [Microstrip QFP 0.5mm 64-pin Socket Electrical Characterization](#)
- [Microstrip QFP 0.5mm Socket Return Loss Graph](#)
- [Microstrip QFP Socket DC Cycling](#)
- [Microstrip QFP Socket RF Cycling](#)
- [Microstrip QFP Socket RF Measurement](#)
- [Microstrip SSOP 20-pin 0.65mm Pitch Socket Return Loss Graph](#)
- [Microstrip SSOP 20-pin Test Socket Electrical Characterization](#)



ALL DIMENSIONS: INCHES [MILLIMETERS]
 ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
 CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.

ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE

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 Rev. 1.2
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