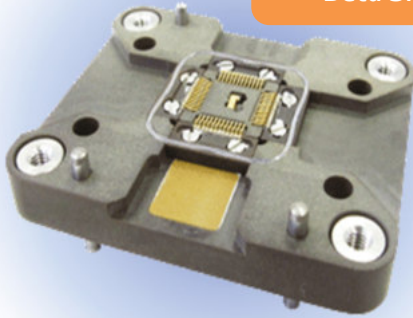


cDRAGON CONTACTOR

For Mixed Signal, Precision Analog and RF Applications

Available for
Beta Site



100% elastomer-free drop in solution for existing high performance setups.

Excellent RF Performance with Low Cost of Ownership



1.4 compressed height

0 PCB level
0.2

High Productivity:

- Elastomer-free design for long life
- Very easy to maintain
- Pin replacement in <5 minutes
- No loadboard wear & tear
- Industry leading long lifetime
- Extremely long cleaning intervals

Key Features:

- Revolutionary single spring & small form factor design
- Very low loop inductance & high bandwidth
- Outstanding CRES stability
- Insertion loss 22 GHz @ -1 dB
- Inductance 0.43 nH
- Smallest pitch available 0.30 mm
- Wide package range SO, DFN, QFN, QFP
- Temperature range -55 °C to +155 °C
- Constant contact force at each temperature setpoint
- Best temperature accuracy by multi-beam contact spring architecture



— Available for all ATE handler platforms —

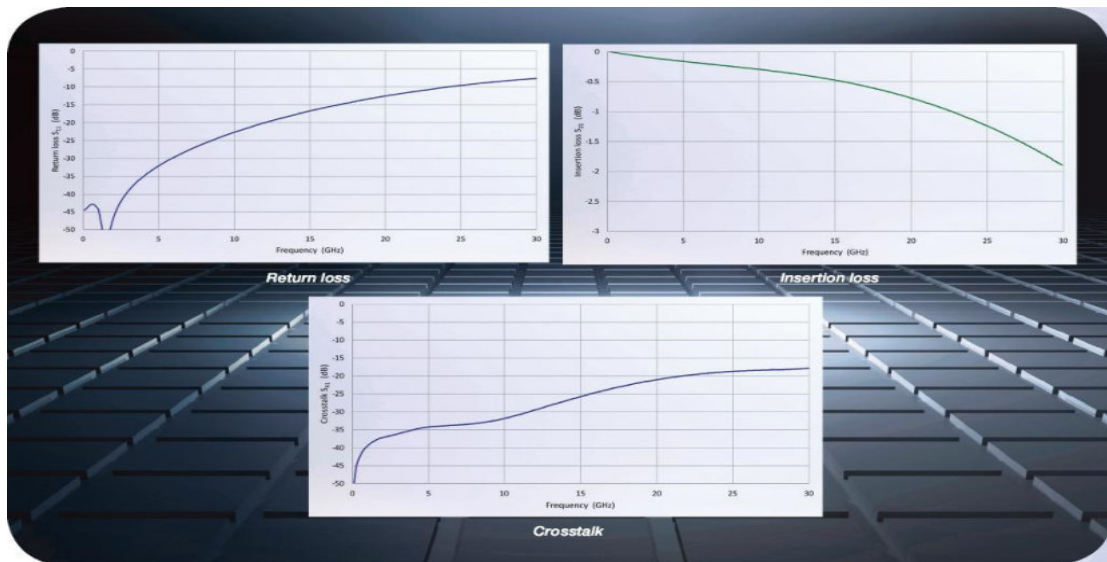
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1. Electrical Specifications

- 1.1 CRES average
 - 30 mOhm
- 1.2 Current carrying capability
 - 1.2 A @ 150 °C
- 1.3 Self Inductance
 - 0.43 nH
- 1.4 Mutual Inductance
 - 0.40 nH
- 1.5 Capacitance GND
 - 0.12 pF
- 1.6 Mutual Capacitance
 - 0.20 pF
- 1.7 Insertion Loss S₂₁
 - -1 dB @ 22 GHz
- 1.8 Return Loss S₁₁
 - -20 dB @ 12 GHz
- 1.9 Cross Talk S₄₁
 - -20 dB @ 22 GHz

2. Mechanical Specifications

- 2.1 Compressed Height
 - 1.40 mm
- 2.2 Contact Force
 - 40 grams
- 2.3 Minimum Pitch
 - 0.30 mm
- 2.4 DUT Compression
 - 250 µm
- 2.5 Temperature
 - -55 °C to +155 °C
- 2.6 Pin Material
 - Proprietary Alloy
- 2.7 Pin Plating
 - Hard Gold
- 2.8 Housing Material
 - Vespel / Torlon / Semitron
- 2.9 Pin Lifetime
 - 1.000.000 (typical) (pure SN)
 - 500.000 (typical) (NiPdAu)
- 2.10 Cleaning Interval
 - > 100.000 (typical)



Specifications subject to change without notice.

All performance figures such as MTBF, MTBA, Uptime, Yield, Jam Rate, Life Span, Cleaning Cycles etc. can vary with specific package type, test program and / or specific application environment. They assume that only original Cohu spare and consumable parts are used, recommended maintenance intervals and procedures are respected, operators/maintenance technicians have successfully participated in formal equipment training by Cohu to the appropriate level, and only Cohu approved software is used on the systems. Cohu assumes no warranty or liability if any of these requirements is not met. All listed data are for information only. For binding specification please contact your sales person.

