

Micro Miniature Coaxial Receptacle (MMS)

Surface Mount

9847 Series



212

- Receptacle applicable to MMS assemblies, or as individual measurepoint
- Designed for SMT technology
- Tape & reel packaging for use with pick & place machines
- Low center of gravity and specific geometry to facilitate vacuum placement
- Contact design and materials selected to meet wave soldering or infrared temperature requirements

Date Issued: August 13, 1999

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Physical

Insulation

Material: Polytetrafluoroethylene (PTFE)
Flammability: UL 94V-0

Contact

Material: Phosphor Bronze
Plating
Underplating: 80μ" [2.0μm] Nickel
Center Wiper: 8μ" [0.2μm] Gold
Solder Tails: 138μ" [3.5μm] Tin

Body

Material: Phosphor Bronze
Plating: Nickel-Tin

Electrical

Insulation Resistance: 5 G Ω
Withstanding Voltage: 250 Vrms
Characteristic Impedance: 50 Ω
Bandwidth (50 Ω): 6 GHz
VSWR 50 Ω (Mated Pair): 1.1 @ 2 GHz

Mechanical

Connector Insertion/Withdrawal Force: 20 N Max / 6 N Min
Durability (Insertion/Withdrawal): 50 cycles

Environmental

Temperature Rating: -40° to + 90°C

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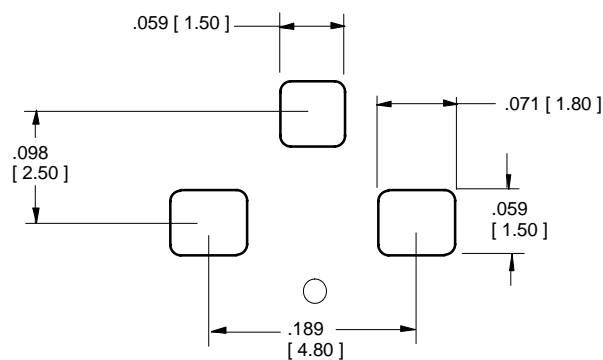
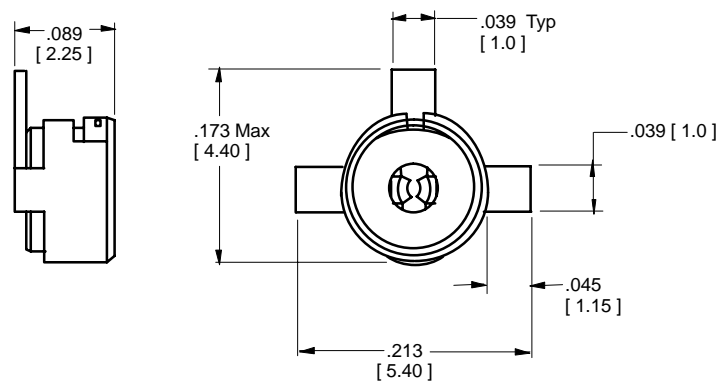
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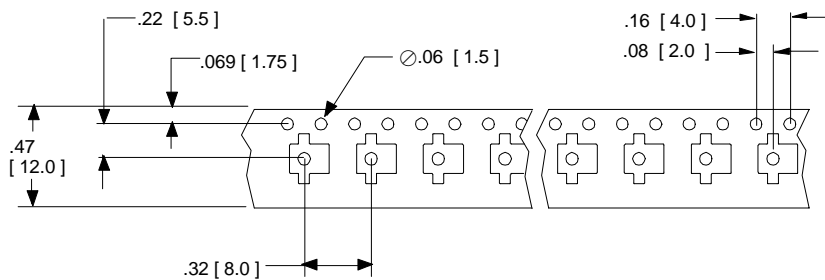
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Recommended Pad Layout



T & R Packaging

**Inch
[mm]**

Tolerance Unless Noted			
	.0	.00	.000
Inch	±.1	±.01	±.005

[] Dimensions for
Reference only

Ordering Information

9847-R000-XXXX

Packaging quantity
0100 = Reel 100 pieces
0500 = Reel 500 pieces
3000 = Reel 3000 pieces

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Sheet 2 of 2

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