

Type F Receptacles

Applications

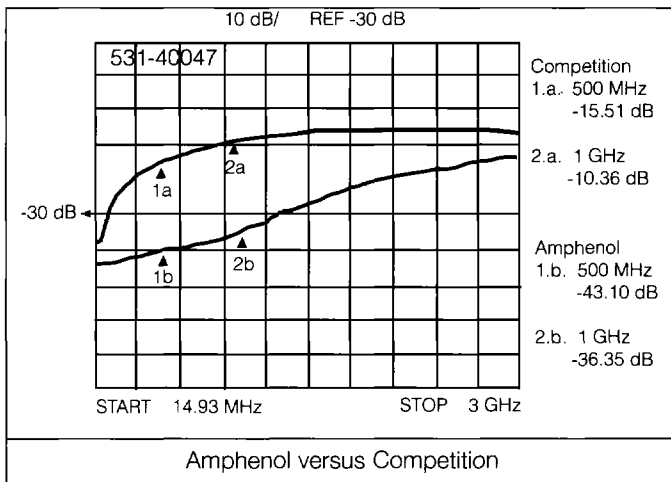
- High Speed Modems
- CIMS
- Hybrid Fiber Coax (HFC) Networks
- CATV

Features/Benefits

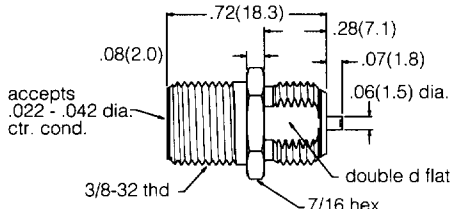
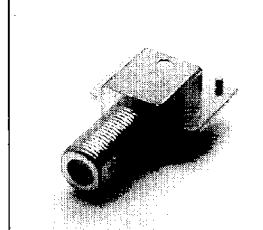
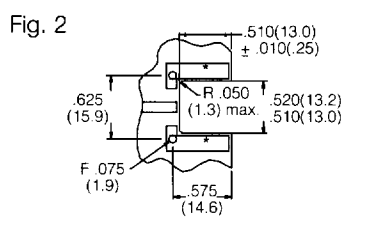
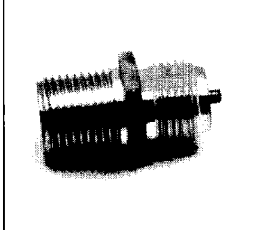
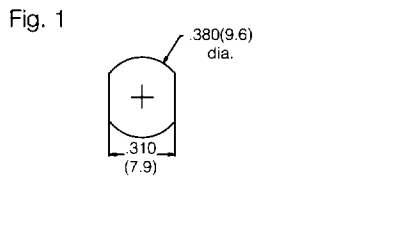
- Patent pending contact design provides a truly cylindrical coaxial contact.
- 30 dB return loss to 1 GHz.
- Multiple PCB mount packages: SMD, edge mount, right angle and straight.
- Accommodate .022-.042 in. center conductor sizes.

SPECIFICATIONS

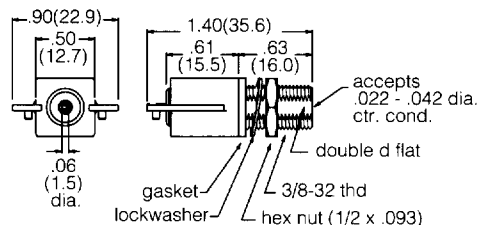
Impedance: 75 ohms
 RF Leakage: -100 dB min. @ 1 GHz
 Temperature Range: -40°F to -140°F
 (-40°C to +60°C)



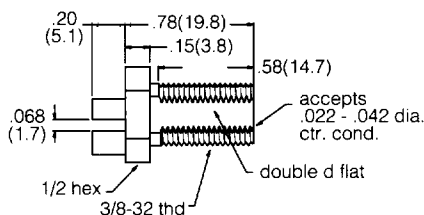
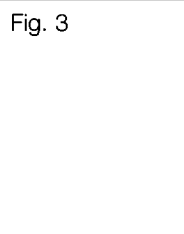
Amphenol Number	Frequency Range	Return Loss
531-40001	0-1 GHz 1-3 GHz	30 dB minimum 15 dB minimum
531-40035	0-1 GHz 1-3 GHz	25 dB minimum 10 dB minimum
531-40039	0-1 GHz 1-3 GHz	30 dB minimum 15 dB minimum
531-40046	0-1 GHz 1-3 GHz	30 dB minimum 15 dB minimum
531-40047	0-1 GHz 1-3 GHz	30 dB minimum 15 dB minimum



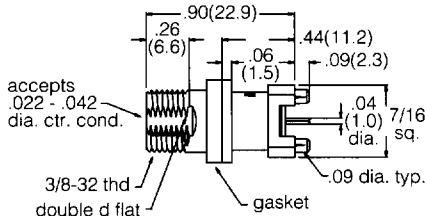
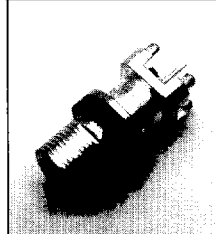
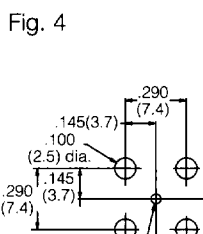
Type F Receptacle, Jack
531-40001



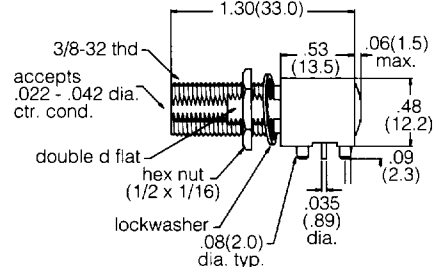
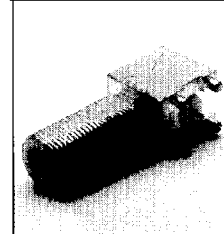
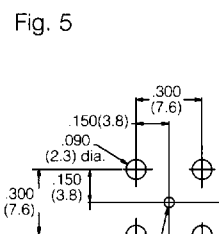
Type F Receptacle
SMD Package, PCB Mount
531-40035



Type F Receptacle
PCB Edge Mount
531-40039



Type F Receptacle
Four Hole PCB Mount
531-40046



Type F Receptacle
Right Angle PCB Mount
531-40047

Amphenol Number	Materials			Terminal Type	Fig.
	Body (plating)	Contact (plating)	Insulator		
531-40001	brass (tin lead)	phosphor bronze (tin lead)	PTFE	Flat Tab	1
531-40035	zinc die cast (tin lead)	beryllium copper (tin lead)	Polypropylene	Flat Tab	2
531-40039	brass (tin lead)	phosphor bronze (tin lead)	PTFE	Round	3
531-40046	zinc die cast (tin lead)	phosphor bronze (tin lead)	Polypropylene	Round	4
531-40047	zinc die cast (tin lead)	phosphor bronze (tin lead)	Polypropylene	Round	5

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