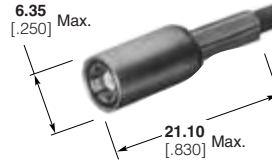


SMB Connectors, 50 Ohm

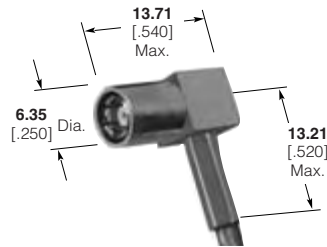
Straight Plugs



RG/U Cable	Center Contact Plating	Outer Contact Plating	Other Metal Parts Plating	Dielectric	Style	Part No.
178, 178A, 178B, 196, 196A	Gold	Gold	Nickel	TEFLON	MIL Type	413985-6
174, 316, 188, 188A	Gold	Gold	Gold	TEFLON	MIL Type	413985-1
	Gold	Gold	Nickel	TEFLON	MIL Type	413985-3
	Gold	Nickel	Nickel	TEFLON	MIL Type	413985-7
	Gold	Gold	Nickel	TEFLON	Die Cast	414946-1
	Gold	Nickel	Nickel	TEFLON	Die Cast	5414946-2
179, 179A, 179B, 161, 187, 187A, BELDEN 9221	Gold	Gold	Nickel	TEFLON	MIL Type	1-413985-1
	Gold	Gold	Nickel	TEFLON	Die Cast	5414946-5
	Gold	Nickel	Nickel	TEFLON	Die Cast	5414946-6
RG 316, 188 Double Braid	Gold	Gold	Gold	TEFLON	MIL Type	413985-2
	Gold	Gold	Nickel	TEFLON	MIL Type	413985-4
	Gold	Gold	Nickel	TEFLON	Die Cast	5414946-3
	Gold	Nickel	Nickel	TEFLON	MIL Type	413985-8

Right-Angle Plugs

MIL Type



Die Cast



RG/U Cable	Center Contact Plating	Outer Contact Plating	Other Metal Parts Plating	Dielectric	Style	Part No.
178, 178A, 178B, 196, 196A	Gold	Gold	Gold	TEFLON	MIL Type	414002-7
	Gold	Gold	Nickel	TEFLON	MIL Type	414002-8
	Gold	Gold	Nickel	TEFLON	Die Cast	5414363-8
174, 316, 188, 188A, 179, 179A, 179B, 161, 187, 187A, BELDEN 9221	Gold	Gold	Gold	TEFLON	MIL Type	414002-1
	Gold	Gold	Nickel	TEFLON	MIL Type	414002-3
	Gold	Nickel	Nickel	TEFLON	MIL Type	414002-5
	Gold	Gold	Nickel	TEFLON	Die Cast	5414363-3
	Gold	Nickel	Nickel	TEFLON	Die Cast	5414363-5
RG 316, 188 Double Braid	Gold	Gold	Gold	TEFLON	MIL Type	414002-2
	Gold	Gold	Nickel	TEFLON	MIL Type	414002-4
	Gold	Gold	Nickel	TEFLON	Die Cast	5414363-4

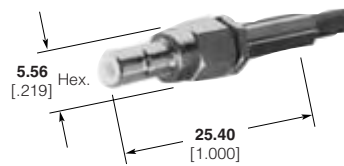
BELDEN is a trademark of Belden Wire and Cable Company.
TEFLON is a trademark of E.I. DuPont de Nemours and Company.

Note: Part Numbers are RoHS compliant except: ♦ Indicates non-RoHS compliant.

SMB Connectors, 50 Ohm (Continued)

Straight Jacks

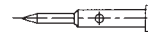
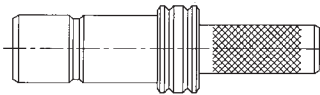
Commercial Jack



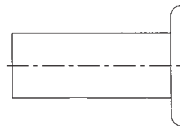
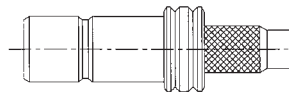
MIL Type Jack



Die Cast

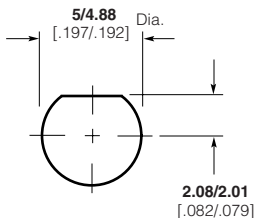


Brass

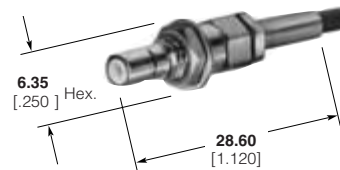


RG/U Cable	Center Contact Plating	Body Plating	Dielectric	Style	Jack Part No.
178, 178A, 178B, 196, 196A	Gold	Nickel	TEFLON	MIL Type	5414170-2
174, 316, 188, 188A	Gold	Nickel	TEFLON	MIL Type	5414170-1
	Gold	Nickel	TEFLON	Die Cast	414948-1
RD 316, 188 Double Braid	Gold	Nickel	TEFLON	Commercial	414948-3

Bulkhead Jacks



Maximum Panel Thickness **2.36** [.093]
Recommended Panel Cutout for Bulkhead Jack and Adapter



RG/U Cable	Center Contact Plating	Body Plating	Dielectric	Style	Bulkhead Jack Part No.
174, 316, 188, 188A	Gold	Nickel	TEFLON	Commercial	5415006-1
	Gold	Nickel	TEFLON	Commercial	5228217-1
RD 316, 188 Double Braid	Gold	Nickel	TEFLON	Commercial	5415006-2

Bulkhead Jack Adapter (Jack-Jack)



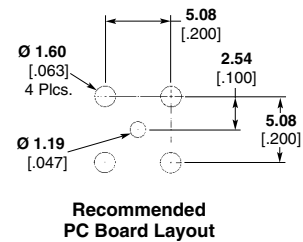
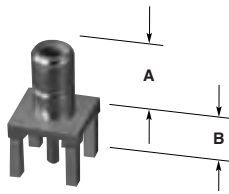
Type	Center Contact Plating	Body Plating	Dielectric	Style	Part No.
Jack-To-Jack	Gold	Nickel	TEFLON	MIL Type	228553-1
	Gold	Gold	TEFLON	MIL Type	228553-2

TEFLON is a trademark of E.I. Dupont de Nemours and Company.

Note: Part Numbers are RoHS compliant except: ♦ Indicates non-RoHS compliant.

SMB Connectors, 50 Ohm (Continued)

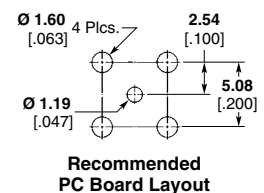
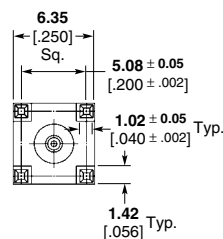
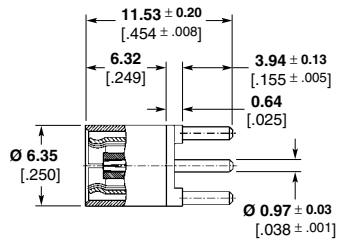
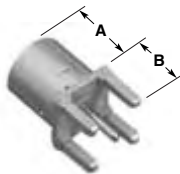
PC Board Vertical Jacks



Jacks

Type	Center Contact Plating	Body Plating	Dim. A	Dim. B	Dielectric	Style	Part No.
—	Gold	Gold	7.62 .300	3.94 .155	TEFLON	MIL Type	413990-1
—	Gold	Nickel	7.62 .300	3.94 .155	TEFLON	MIL Type	413990-2
—	Gold	Nickel	10.16 .400	2.54 .100	TEFLON	MIL Type	414612-2
—	Gold	Tin	3.94 .155	8.25 .325 Max.	TEFLON	Brass, Stamped	5221111-1

PC Board Vertical Plugs



Plugs

Type	Center Contact Plating	Body Plating	Dim. A	Dim. B	Dielectric	Recommended PC Board Layout	Style	Part No.
Low Profile (Plug) Mated Pair	Gold	Nickel	3.94 .155	7.62 .300	TEFLON	B	MIL Type	415774-1

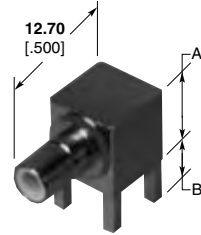
TEFLON is a trademark of E.I. DuPont de Nemours and Company.

Note: Part Numbers are RoHS compliant except: ♦ Indicates non-RoHS compliant.

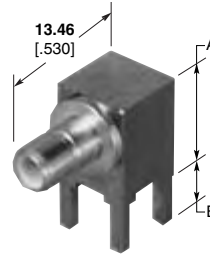
SMB Connectors, 50 Ohm (Continued)

PC Board, Right-Angle Jacks

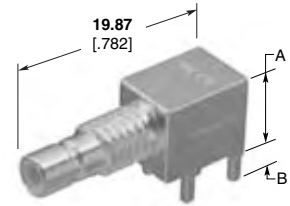
Jack Low Profile



Jack with Standoff Pads



Bulkhead Jack

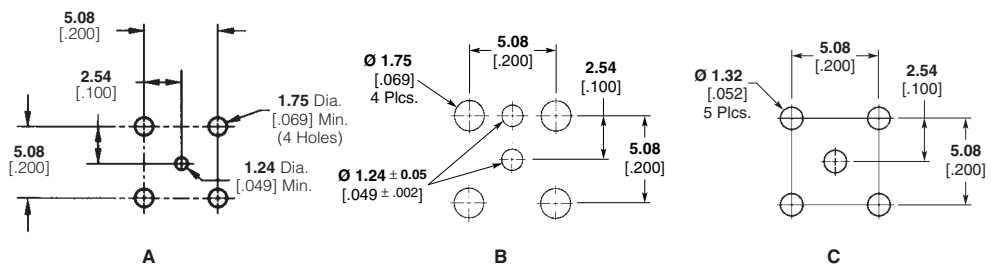
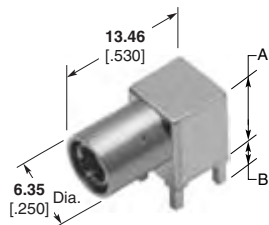


Jacks

Type	Center Contact Plating	Interface Body Plating	PCB Leg Plating	Dielectric	Dim. A	Dim. B	Style	Recommended PC Board Layout	Part No.
Low Profile	Gold	Gold	Gold	TEFLON	7.11 .280	3.94 .155	MIL Type	A	413996-2
	Gold	Nickel	Nickel	TEFLON	7.11 .280	3.94 .155	MIL Type	A	413996-4
	Gold	Gold	Gold	TEFLON	7.11 .280	2.79 .110	Die Cast	A	415340-1
	Gold	Gold	Gold	TEFLON	8.76 .345	2.79 .110	Die Cast	A	415672-1
With Standoff Pads	Gold	Gold	Gold	TEFLON	8.51 .335	3.94 .155	MIL Type	A	414026-2
	Gold	Nickel	Nickel	TEFLON	8.76 .345	3.94 .155	MIL Type	A	414026-3
	Gold	Nickel	Tin-Lead	TEFLON	8.76 .345	3.94 .155	Die Cast	A	5414337-1
	Gold	Nickel	Nickel	TEFLON	8.76 .345	2.79 .110	Die Cast	B	5415379-1*
	Gold	Nickel	Nickel	TEFLON	8.51 .335	3.94 .155	Die Cast	A	415381-1 ♦
Bulkhead	Gold	Gold	Gold	TEFLON	7.67 .302	2.79 .110	Die Cast	A	414963-1
Commercial	Gold	Nickel	Tin	Polypropylene	9.78 .385	3.94 .155	Brass, Stamped	C	5228435-1
Bulkhead	Gold	Gold	Gold	TEFLON	7.67 .302	2.79 .110	Die Cast	A	1274330-1

* 5 leg design

PC Board, Right-Angle Plug



Recommended PC Board Layouts

Plugs

Center Contact Plating	Interface Body Plating	PCB Leg Plating	Dielectric	Dim. A	Dim. B	Style	Recommended PC Board Layout	Part No.
Gold	Nickel	Nickel	TEFLON	8.76 .345	2.79 .110	Die Cast	B	415380-1*
Gold	Nickel	Tin	TEFLON	8.76 .345	3.94 .155	Die Cast	A	5414338-1

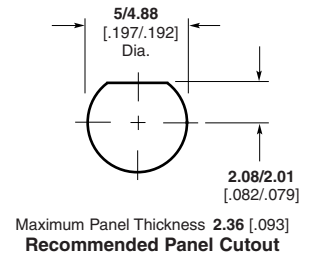
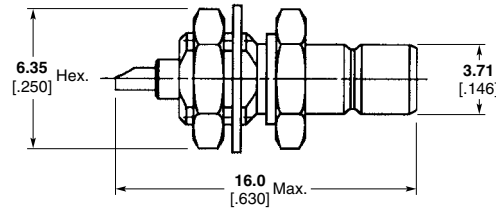
* 5 leg design

TEFLON is a trademark of E.I. Dupont de Nemours and Company.

Note: Part Numbers are RoHS compliant except: ♦ Indicates non-RoHS compliant.

SMB Connectors, 50 Ohm (Continued)

Bulkhead PC Board Jack, Solder Receptacle Kits



Kit Includes Lockwasher and Jam Nut

Lockwasher and Jam Nut



Part No.
415001-2

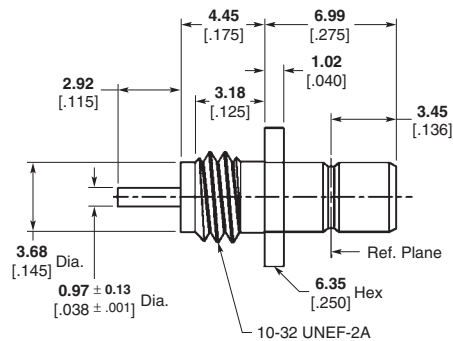


Part No.
414969-2

Type	Center Contact Plating	Body Plating	Dielectric	Style	Kit Part No.
Front Mount	Gold	Nickel	TEFLON	MIL Type	228216-1*
Rear Mount	Gold	Nickel	TEFLON	MIL Type	228215-1*

*includes Jam Nut and Lockwasher

SMB Receptacle Jack



Type	Center Contact Plating	Body Plating	Dielectric	Style	Part No.
Front Mount	Gold	Nickel	TEFLON	MIL Type	414895-1

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Note: Part Numbers are RoHS compliant except: ♦ Indicates non-RoHS compliant.