

SMB 50 ohm Coaxial Connectors

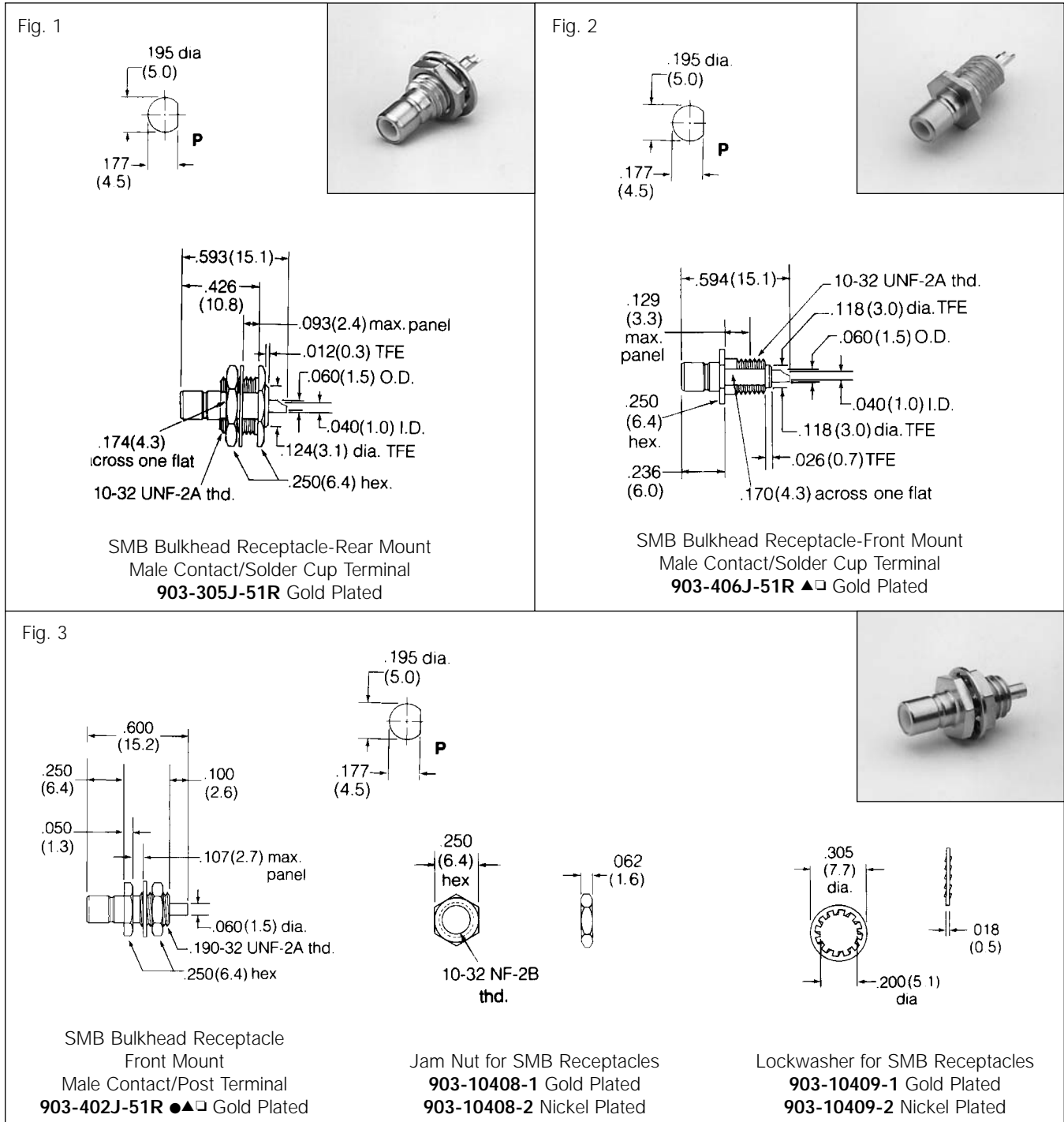
<p>Fig. 1</p>	<p>Fig. 1</p>	<p>Fig. 2</p>	<p>Fig. 2</p>																															
<p>Fig. 1A</p>	<p>Fig. 1A</p>	<p>50Ω SMB Angle Plugs - Braid Crimp/Solder Female Contact</p> <table border="1"> <tr> <td rowspan="4">RG-174 179, 187, 188, 316</td> <td>903-289P-51A</td> <td>Gold Plated</td> </tr> <tr> <td>903-289P-51A2▲*</td> <td>Gold Plated</td> </tr> <tr> <td>903-367P-51A</td> <td>Nickel Plated</td> </tr> <tr> <td>903-367P-51A1</td> <td>Nickel Plt. Body, Gold Plt Outer Cont.</td> </tr> <tr> <td rowspan="3">RG-178, 196</td> <td>903-291P-51A</td> <td>Gold Plated</td> </tr> <tr> <td>903-291P-51A1▲*</td> <td>Gold Plated</td> </tr> <tr> <td>903-368P-51A</td> <td>Nickel Plated</td> </tr> <tr> <td rowspan="2">Dbl. Br. RG-316</td> <td>903-368P-51A1▲*</td> <td>Nickel Plated</td> </tr> <tr> <td>903-369P-51A</td> <td>Nickel Plated</td> </tr> <tr> <td></td> <td>903-369P-51A2*</td> <td>Nickel Plated</td> </tr> </table>		RG-174 179, 187, 188, 316	903-289P-51A	Gold Plated	903-289P-51A2▲*	Gold Plated	903-367P-51A	Nickel Plated	903-367P-51A1	Nickel Plt. Body, Gold Plt Outer Cont.	RG-178, 196	903-291P-51A	Gold Plated	903-291P-51A1▲*	Gold Plated	903-368P-51A	Nickel Plated	Dbl. Br. RG-316	903-368P-51A1▲*	Nickel Plated	903-369P-51A	Nickel Plated		903-369P-51A2*	Nickel Plated							
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50 ohm SMB PLUGS & ANGLE PLUGS

Cable RG-/U	Connector Description	Cable Attachment		c Dia. In. (mm)	CAI	Plt.	Ins.	Notes	Amphenol Number	Fig.
		Outer	Inner							
RG-174,179,187, 188,316	Plug	Crimp	Solder	.128(3.3)‡	C60	P11	D1	Gold Plated Body	903-285P-51S	1
				.128(3.3)‡	C62	P11	D1	Gold Plated Body	● 903-508P-51S	1A
				.128(3.3)‡	C60	P15	D1	Nickel Plated Body	▲ 903-370P-51S	1
				.128(3.3)‡	C60	P15	D1	Nickel Plated Body	* 903-577P-51S1	1A
				.128(3.3)‡	C60	P15	D1	Gold Plated Body	* 903-577P-51S	1A
	Angle Plug	Crimp	Solder	.128(3.3)‡	C61	P11	D1	Gold Plated Body	● 903-289P-51A	2
				.128(3.3)‡	C61	P11	D1	Gold Plated Body	●▲* 903-289P-51A2	2
				.128(3.3)‡	C61	P15	D1	Nickel Plated Body	* 903-367P-51A	2
				.128(3.3)‡	C61	P15	D1	Nickel Plated Body	●▲* 903-367P-51A2	2
				.128(3.3)‡	C61	P15	D1	Nickel Plated Body ★	903-367P-51A1	2
Low Profile Angle Plug	Crimp	Solder	.128(3.3)‡	C61	P26	D1	Nickel Plated Body ★	903-429P-51A	3	
RG-178,196	Plug	Crimp	Solder	.100(2.5)‡	C60	P11	D1	Gold Plated Body	903-287P-51S	1
				.100(2.5)‡	C62	P11	D1	Gold Plated Body	● 903-509P-51S	1A
				.100(2.5)‡	C60	P15	D1	Nickel Plated Body	903-371P-51S	1
				.100(2.5)‡	C60	P15	D1	Gold Plated Body	* 903-578P-51S	1A
				.100(2.5)‡	C60	P15	D1	Nickel Plated Body	* 903-578P-51S1	1A
Angle Plug	Crimp	Solder	.100(2.5)‡	C61	P11	D1	Gold Plated Body	903-291P-51A	2	
			.100(2.5)‡	C61	P11	D1	Gold Plated Body	●▲* 903-291P-51A1	2	
			.100(2.5)‡	C61	P15	D1	Nickel Plated Body	903-368P-51A	2	
			.100(2.5)‡	C61	P15	D1	Nickel Plated Body	●▲* 903-368P-51A1	2	
			.100(2.5)‡	C61	P15	D1	Nickel Plated Body	●▲* 903-368P-51A1	2	
Dbl. Braid 316	Angle Plug	Crimp	Solder	.142(3.6)‡	C61	P22	D1	Nickel Plated Body	903-369P-51A	2
				.142(3.6)‡	C61	P15	D1	Nickel Plated Body	● * 903-369P-51A2	2
	Plug	Crimp	Solder	.142(3.6)‡	C60	P11	D1	Gold Plated Body	903-401P-51S	1
				.142(3.6)‡	C60	P11	D1	Gold Plated Body	* 903-579P-51S	1A
				.142(3.6)‡	C60	P15	D1	Nickel Plated Body	* 903-579P-51S1	1A

‡ i.d. of outer crimp ferrule ★ Gold plated outer contact ▲ Distributor stocked * Diecast outer body ● Commercial grade

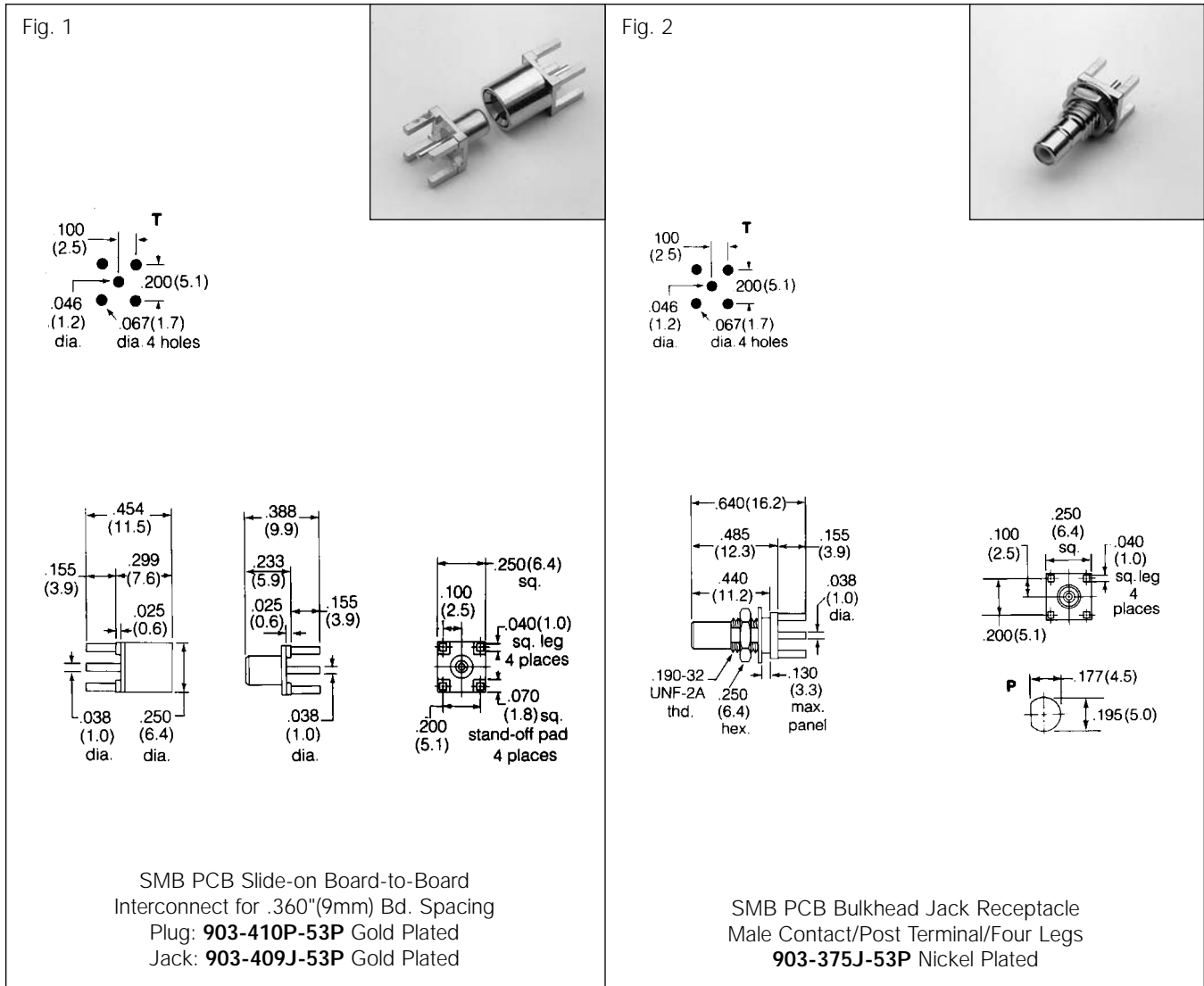
SMB 50 ohm Bulkhead Receptacles



50 ohm SMB BULKHEAD JACK RECEPTACLES & ACCESSORIES – captive male contacts

Connector Description	Terminal Type	MTG Hole	Plt.	Ins	Construction Notes	Amphenol Number	Fig.
Bulkhead Jack Receptacle, Rear Mount	Solder Cup	P	P9	D1	Gold Plated Body	903-305J-51R	1
Bulkhead Jack Receptacle, Front Mount	Solder Cup	P	P11	D1	Gold Plated Body	▲□ 903-406J-51R	2
Bulkhead Jack Receptacle, Front Mount	Blunt Post	P	P9	D1	Gold Plated Body	●▲□ 903-402J-51R	3
Jam Nut	—	—	—	—	See Fig. 3	903-10408-1, -2	3
Lockwasher	—	—	—	—	See Fig. 3	903-10409-1, -2	3

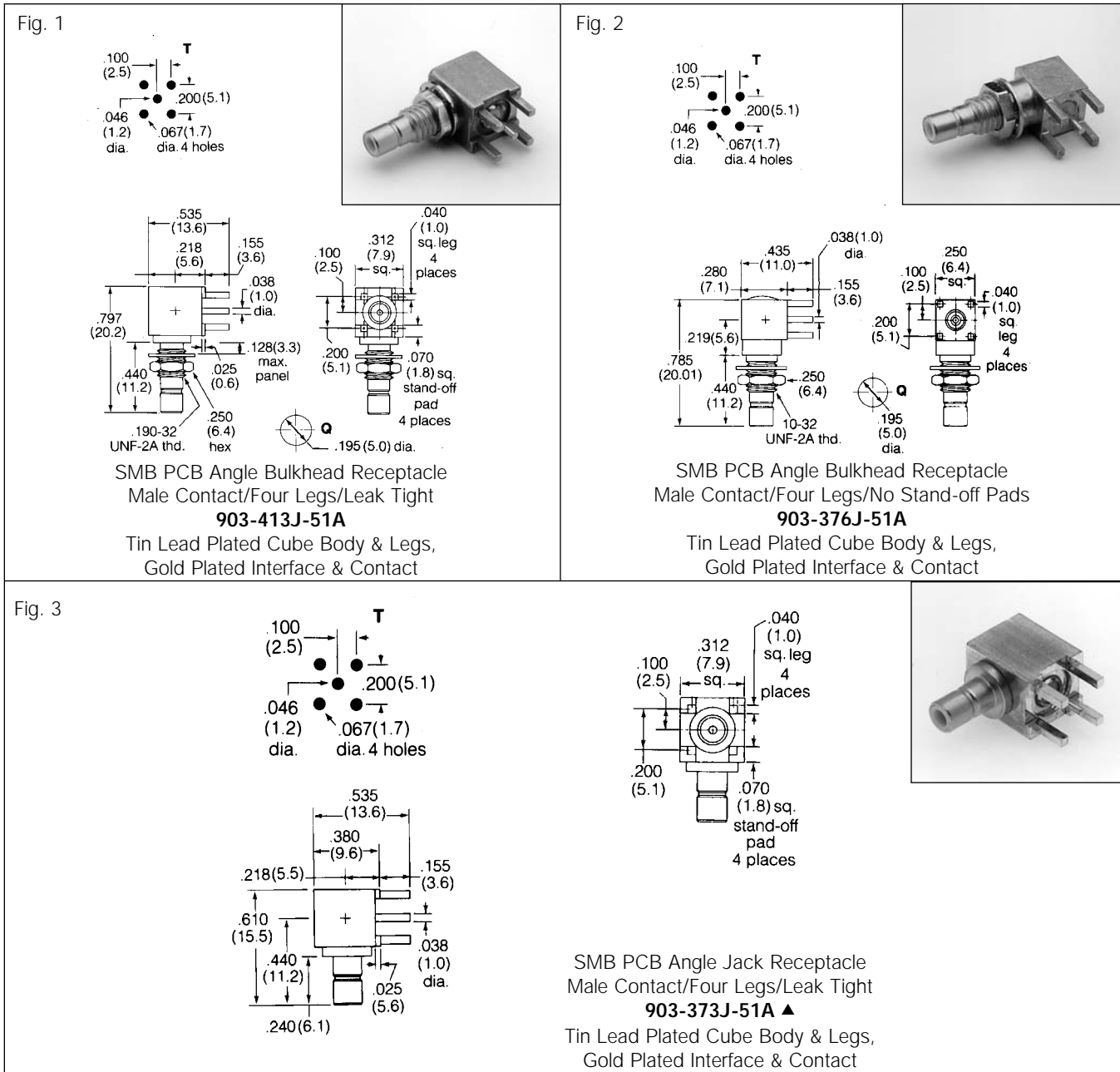
▲ Distributor stocked □ Jam Nut and Lockwasher sold separately. ● Commercial grade



50 ohm SMB BULKHEAD JACK AND PRINTED CIRCUIT RECEPTACLES – captive male contacts

Connector Description	Terminal Type	MTG Hole	Plt.	Ins	Construction Notes	Amphenol Number	Fig.
PCB Slide-on Board-to-Board Interconnect for .360"(9mm) Bd. Spacing/Four Legs	Blunt Post	T	P9	D1	Plug/Gold Plated	903-410P-53P	1
					Jack/Gold Plated	903-409J-53P	
PCB Bulkhead Jack Receptacle/,Four Legs	Blunt Post	T/P	P6	D1	Nickel Body/No Stand-off Pads	903-375J-53P	2

SMB 50 ohm PCB Receptacles



50 ohm SMB BULKHEAD JACK AND PRINTED CIRCUIT RECEPTACLES – captive male contacts

Connector Description	Terminal Type	MTG Hole	Plt.	Ins	Construction Notes	Amphenol Number	Fig.
PCB Angle Bulkhead Jack Receptacle, Four Legs/Leak Tight	Blunt Post	T/Q	P16	D1	Tin Lead Plt. Cube Body & Legs Gold Plt. Interface & Contact	903-413J-51A	1
PCB Angle Bulkhead Jack Receptacle, Four Legs/No Stand-off Pads	Blunt Post	T/Q	P16	D1	Tin Lead Plt. Cube Body & Legs Gold Plt. Interface & Contact	903-376J-51A	2
PCB Angle Jack Receptacle Four Legs/Leak Tight	Blunt Post	T	P16	D1	Tin Lead Plt. Cube Body & Legs Gold Plt. Interface & Contact	▲ 903-373J-51A	3

▲ Distributor stocked ● Commercial grade