

**INCH - POUND**  
**MIL-DTL-55302G**  
**SUPPLEMENT 1**  
**18 August 2011**

## DETAIL SPECIFICATION

### CONNECTORS, PRINTED CIRCUIT SUBASSEMBLY AND ACCESSORIES

This supplement forms a part of MIL-DTL-55302G, dated 9 November 2009.

#### SPECIFICATION SHEETS 1/

MIL-DTL-55302/1	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, Right-Angle, for Printed Wiring Boards (.150 Spacing)
MIL-DTL-55302/2	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Straight-Thru, for Printed Wiring Boards (.150 Spacing)
MIL-DTL-55302/4	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, Right-Angle, for Multilayered Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/5	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, Straight-Thru, for Multilayered Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/6	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Straight-Thru, for Multilayered Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/7	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, Right-Angle, for Multilayered Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/8	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Straight-Thru, for Multilayered Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/16	Connectors, Printed Circuit Subassembly and Accessories: Pin, Right-Angle, for Printed Wiring Boards (.200 Spacing)
MIL-DTL-55302/17	Connectors, Printed Circuit Subassembly and Accessories: Socket, Straight-Thru, for Printed Wiring Boards (.200 Spacing)
MIL-DTL-55302/18	Connectors, Printed Circuit Subassembly and Accessories: Pin, Straight-Thru, for Printed Wiring Boards (.200 Spacing)
MIL-DTL-55302/19	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts Right-Angle, 41 Composite Contact, for Printed Wiring Boards (.150 Spacing)
MIL-DTL-55302/20	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contact, Straight-Thru, for Printed Wiring Boards (.150 Spacing)
MIL-DTL-55302/21	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contact, Right-Angle, 92 Composite Contact, for Multilayered Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/22	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Straight-Thru, for Multilayered Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/23	Connectors, Printed Circuit Subassembly and Accessories: Plug, Decade Increment 10 Thru 120, 150, 160 and 180 Contact Positions, for Printed Wiring Boards (.075 Spacing)
MIL-DTL-55302/24	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Decade Increment 10 Thru 110, Contact Positions, for Printed Wiring Boards (.075 Spacing)
MIL-DTL-55302/25	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, 120, 150, 160, and 180 Contact Positions, for Printed Wiring Boards (.075 Spacing)
MIL-DTL-55302/26	Connectors, Printed Circuit Subassembly and Accessories: Plug, 30 Thru 140 Contact Positions, for Printed Wiring Boards (.100 Sq. Grid)

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MIL-DTL-55302/27	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, 30 Thru 140 Contact Positions, for Printed Wiring Boards (.100 Sq. Grid)
MIL-DTL-55302/29	Connectors, Printed Circuit Subassembly and Accessories: Gauge for Contact Separation Force Test Method
MIL-DTL-55302/30	Connectors, Printed Circuit Subassembly and Accessories: Test Probe Fixture for Resistance to Test Probe Damage
MIL-DTL-55302/31	Connectors, Printed Circuit Subassembly and Accessories: Keying Accessories
MIL-DTL-55302/32	Connectors, Printed Circuit Subassembly and Accessories: Contacts, Solder
MIL-DTL-55302/38	Connectors, Printed Circuit Subassembly and Accessories: Plug, Electrical, Polarized Shell, Male, .100 Inch Contact Spacing Pin Terminal (Inactive)
MIL-DTL-55302/42	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Electrical, Polarized Shell, Female, .100 Inch Contact Spacing, Removable Crimp Contacts (Inactive)
MIL-DTL-55302/52	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Straight-Thru, Hermaphroditic Contact for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/53	Connectors, Printed Circuit Subassembly and Accessories: Plug, Right-Angle, Hermaphroditic Contact for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/54	Connectors, Printed Circuit Subassembly and Accessories: Plug, Straight-Thru, Hermaphroditic Contact for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/55	Connectors, Printed Circuit Subassembly and Accessories: Plug, Socket Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, 66 for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/56	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Pin Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, 66 for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/57	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, 66 for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/58	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, 66 for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/59	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, Decade Increments 90, 100 and 120 Contact Positions for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/60	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Decade Increments 90, 100 and 120 Contact Positions (.100 Spacing)
MIL-DTL-55302/61	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, and 66 for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/62	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, 66 for Printed Wiring Boards (.100 Spacing)

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MIL-DTL-55302/63	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, 66 for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/64	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, 66 for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/65	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, 66 for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/66	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Decade Increments 10 Thru 70 Contact Positions and Intermediate Positions of 14, 24, 44, 54 and 26, 36, 56, 66 for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/67	Connectors, Printed Circuit Subassembly and Accessories: Pin, Right Angle Plug, Electrical, Polarized for Printed Wiring Boards (.090 Spacing) (Inactive)
MIL-DTL-55302/68	Connectors, Printed Circuit Subassembly and Accessories: Socket, Receptacle, Electrical, Polarized (.090 Spacing) Removable Crimp Contacts (Inactive)
MIL-DTL-55302/69	Connectors, Printed Circuit Subassembly and Accessories: Pin Plug, Electrical, Polarized (.090 Spacing) Removable Crimp Contacts (Inactive)
MIL-DTL-55302/70	Connectors, Printed Circuit Subassembly and Accessories, Pin, Right Angle Plug, Electrical, Polarized for Printed Wiring Boards (.100 Spacing) (Inactive)
MIL-DTL-55302/71	Connectors, Printed Circuit Subassembly and Accessories, Socket Receptacle, Electrical, Polarized Composite Contact (.100 Spacing) (Inactive)
MIL-DTL-55302/72	Connectors, Printed Circuit Subassembly and Accessories: Socket Environmental Resistant, Receptacle, Electrical, Polarized (.150 Spacing), Removable Crimp Contacts (Inactive)
MIL-DTL-55302/73	Connectors, Printed Circuit Subassembly and Accessories, Pin, Right Angle, Environmental Resistant, Plug, Electrical, Polarized for Printed Wiring Boards (.150 Spacing) (Inactive)
MIL-DTL-55302/74	Connectors, Printed Circuit Subassembly and Accessories, Pin, Right Angle, Plug, Electrical, Polarized for Printed Wiring Boards (.100 Spacing) (Inactive)
MIL-DTL-55302/75	Connectors, Printed Circuit Subassembly and Accessories: Socket Receptacle, Electrical, Polarized (.100 Spacing), Removable Crimp Contacts (Inactive)
MIL-DTL-55302/76	Connectors, Printed Circuit Subassembly and Accessories, Socket Straight-Thru, Polarized for Multilayered Printed Wiring Boards (.100 Spacing) (Inactive)
MIL-DTL-55302/77	Connectors, Printed Circuit Subassembly and Accessories, Pin, Right Angle, for Multilayered Printed Wiring Boards (.100 Spacing) (Inactive)
MIL-DTL-55302/78	Connectors, Printed Circuit Subassembly and Accessories: Key, Polarizing, Connectors, Electrical Printed Wiring Boards (Inactive)
MIL-DTL-55302/82	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, 41, 66, 114 Contact Positions: for Printed Wiring Boards (.100 X .050 Offset Grid) (Inactive)
MIL-DTL-55302/83	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, 41, 66, 114 Contact Positions: for Printed Wiring Boards (.100 X .050 Offset Grid) (Inactive)
MIL-DTL-55302/84	Connectors, Printed Circuit Subassembly and Accessories: Contacts Crimp, Dip Solder Tail, Solder Turret, and Wirewrap (Inactive)

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MIL-DTL-55302/89	Connectors, Printed Circuit Subassembly and Accessories: Plug, Right Angle, Hermaphroditic Contacts (.100 Spacing)
MIL-DTL-55302/90	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Right Angle, Hermaphroditic Contact (.100 Inch Spacing)
MIL-DTL-55302/91	Connectors, Printed Circuit Subassembly and Accessories: Plug, Straight-Thru, Hermaphroditic Contacts (.100 Inch Spacing)
MIL-DTL-55302/92	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Straight-Thru, Hermaphroditic Contacts (.100 Inch Spacing)
MIL-DTL-55302/93	Connectors, Printed Circuit Subassembly and Accessories: Plug, Insert (Insulator), Rectangular, Polarized, Removable Crimp Type, Hermaphroditic Contacts (.100 Inch Spacing)
MIL-DTL-55302/94	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Insert (Insulator), Rectangular, Polarized, Removable, Crimp Type Hermaphroditic Contacts (.100 Inch Spacing)
MIL-DTL-55302/95	Connectors, Printed Circuit Subassembly and Accessories: Plug, Composite Wrappost, Hermaphroditic Contacts (.100 Inch Spacing)
MIL-DTL-55302/96	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Wrappost (Removable) Hermaphroditic Contacts (.100 Inch Spacing)
MIL-DTL-55302/97	Connectors, Printed Circuit Subassembly and Accessories: Contacts, Hermaphroditic, Crimp Removable for Wire (Stranded)
MIL-DTL-55302/98	Connectors, Printed Circuit Subassembly and Accessories: Contact, Wrappost Removable Type
MIL-DTL-55302/99	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Straight Thru, Hermaphroditic Contact, Wrappost Removable, for Printed Wiring Boards (.100 Inch Spacing) (Inactive)
MIL-DTL-55302/102	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Straight-Thru, Hermaphroditic Contact, Crimp Removable, for Printed Wiring Boards (.100 Inch Spacing) (Inactive)
MIL-DTL-55302/110	Connectors, Printed Circuit Subassembly and Accessories: Plug, Right Angle, 30 Thru 140 Contact Positions, For Printed Wiring Boards (.100 Sq. Grid)
MIL-DTL-55302/111	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, Straight-Thru, for Multilayered Printed Wiring Boards, (.100 Spacing)
MIL-DTL-55302/113	Connectors, Printed Circuit Subassembly and Accessories: Plug, Straight-Thru, 30 Thru 140 Contact Positions, Crimp Removable Contacts (.100 Sq. Grid)
MIL-DTL-55302/117	Connectors, Printed Circuit Subassembly and Accessories: Plug, Right Angle, Decade Increment 20 Through 110 and 128 Contact Positions, for Printed Wiring Boards (.050 Spacing)
MIL-DTL-55302/118	Connectors, Printed Circuit Subassembly and Accessories: Plug, Decade Increment 20 Through 110 and 128 Contact Positions, for Printed Wiring Boards (.050 Spacing)
MIL-DTL-55302/119	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Decade Increment 20 Through 110 and 128 Contact Positions, for Printed Wiring Boards (.050 Spacing)
MIL-DTL-55302/120	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, 128 Contact Positions, for Printed Wiring Boards (.050 Inch Spacing)
MIL-DTL-55302/121	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contact, 128 Contact Positions, for Printed Wiring Boards (.050 Inch Spacing)
MIL-DTL-55302/122	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, 184 Contact Positions, for Printed Wiring Boards (.050 Inch Spacing)

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MIL-DTL-55302/123	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contact, 184 Contact Positions, for Printed Wiring Boards (.050 Inch Spacing)
MIL-DTL-55302/124	Connectors, Printed Circuit Subassembly and Accessories: Keying Accessories
MIL-DTL-55302/125	Connectors, Printed Circuit Subassembly and Accessories: Plug, 80 Contact Positions, for Printed Wiring Boards (.050 Inch Spacing)
MIL-DTL-55302/126	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, 80 Contact Positions, for Printed Wiring Boards (.050 Inch Spacing)
MIL-DTL-55302/127	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Single Row, 2 Through 65 Contact Positions, for Printed Wiring Boards (.062 , .093 , .125 ) (.100 Spacing)
MIL-DTL-55302/128	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Double Row, 4 Through 130 Contact Positions, for Printed Wiring Boards (.062 , .093 , .125 ) (.100 Spacing)
MIL-C-55302/129	Connectors, Printed Circuit Subassembly and Accessories: Plug, Right Angle, 90 Through 240 Contact Positions, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/130	Connectors, Printed Circuit Subassembly and Accessories: Receptacles, 90 Through 240 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/131	Connectors, Plug, Electrical, Printed Circuit Subassembly and Accessories: Right Angle, Pin Contacts, 64 or 96 Contact Position for Printed Wiring Boards (.100 Spacing)
MIL-C-55302/132	Connectors, Printed Circuit Subassembly and Accessories: Receptacle Socket Contacts, Straight Thru, 64 or 96 Contact Positions, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/133	Connectors, Plug, Electrical, Printed Circuit Subassembly and Accessories: Right Angle, Pin Contacts, 32 or 64 Contact Position for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/134	Connectors, Printed Circuit Subassembly and Accessories: Receptacle Socket Contacts, Straight Thru 32 or 64 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/138	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin, 160 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/139	Connectors, Printed Circuit Subassembly and Accessories: Receptacles, 160 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/140	Connectors, Printed Circuit Subassembly and Accessories: Plug with Pin Contacts, 2 Keying Pins, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/141	Connectors, Printed Circuit Subassembly and Accessories, Plug with Pin Contacts, 3 Keying Pins, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/142	Connectors, Printed Circuit Subassembly and Accessories, Receptacle With Socket Contacts, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/143	Connectors, Printed Circuit Subassembly and Accessories, Receptacle with Socket Contacts, 3 Keying Guides, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/144	Connectors, Printed Circuit Subassembly and Accessories, Receptacle With Pin Contacts, 2 Female Keying Guides, 1.516 Inches Length, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/145	Connectors, Printed Circuit Subassembly and Accessories, Receptacle With Pin Contacts, 2 Female Keying Guides, 2.114 Inches Length, for Printed Wiring Boards (.100 Inch Spacing)



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MIL-DTL-55302/146	Connectors, Printed Circuit Subassembly and Receptacle With Pin Contacts, 2 Female Keying Guides, 2.717 Inches Length, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/147	Connectors, Printed Circuit Subassembly and Accessories, Receptacle With Pin Contacts, 2 Female Keying Guides, 3.315 Inches Length, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/148	Connectors, Printed Circuit Subassembly and Accessories, Receptacle With Pin Contacts, 2 Female Keying Guides, 3.917 Inches Length, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/149	Connectors, Printed Circuit Subassembly and Accessories: Plug with Socket Contacts, 1.516 Inches Length, 2 Keying Pins, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/150	Connectors, Printed Circuit Subassembly and Accessories: Plug with Socket Contacts, 2.114 Inches Length, 2 Keying Pins, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/151	Connectors, Printed Circuit Subassembly and Accessories: Plug with Socket Contacts, 2.717 Inches Length, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/152	Connectors, Printed Circuit Subassembly and Accessories: Plug with Socket Contacts, 3.315 Inches Length, 2 Keying Pins, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/153	Connectors, Printed Circuit Subassembly and Accessories: Plug with Socket Contacts, 3.917 Inches Length, 2 Keying Pins, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/154	Connectors, Printed Circuit Subassembly and Accessories, Mounting Hardware for Printed Wiring Boards
MIL-DTL-55302/155	Connectors, Printed Circuit Subassembly and Accessories, Hood for Printed Wiring Boards
MIL-DTL-55302/156	Connectors, Printed Circuit Subassembly and Accessories: Plug, Right Angle, Decade Increments 10 Through 120, 150, 160 and 180 Contact Positions, for Printed Wiring Boards (.075 Spacing)
MIL-DTL-55302/157	Connectors, Printed Circuit Subassembly and Accessories: Plug, Straight Thru Contacts, 64 or 96 Contact Positions, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/158	Connectors, Printed Circuit Subassembly and Accessories: Receptacle Socket Contacts, 64 or 96 Contact Positions, for Printed Wiring Boards (.100 Inch Spacing)
MIL-DTL-55302/159	Connectors, Printed Circuit Subassembly and Accessories, Receptacle, 17, 29, 33, 41, 53, and 65 Contact Positions, for Printed Wiring Boards, 2.54 mm X 1.27 mm Offset Grid, Metric
MIL-DTL-55302/160	Connectors, Printed Circuit Subassembly and Accessories, Receptacle, 72, 84, 96, and 120 Contact Positions, for Printed Wiring Boards, 2.54 mm X 1.27 mm Offset Grid, Metric
MIL-DTL-55302/161	Connectors, Printed Circuit Subassembly and Accessories, Receptacle, 160 Contact Positions, for Printed Wiring Boards, 2.54 mm X 1.27 mm Offset Grid, Metric
MIL-DTL-55302/162	Connectors, Printed Circuit Subassembly and Accessories, Plug, 17, 29, 33, 41, 53, and 65 Contact Positions, for Printed Wiring Boards, 2.54 mm X 1.27 mm Offset Grid, Metric
MIL-DTL-55302/163	Connectors, Printed Circuit Subassembly and Accessories, Plug, 72, 84, 96, and 120 Contact Positions, for Printed Wiring Boards, 2.54 mm X 1.27 mm Offset Grid, Metric

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MIL-DTL-55302/164	Connectors, Printed Circuit Subassembly and Accessories, Plug and/or Receptacle, 160 Contact Positions, for Printed Wiring Boards, 2.54 mm X 1.27 mm Offset Grid, Metric
MIL-DTL-55302/166	Connectors, Printed Circuit Subassembly and Accessories: Low Mating Force, Male Brush, Straight-Through, Polarized, for Multilayered Printing Wiring Boards (.100 Spacing)
MIL-DTL-55302/167	Connectors, Printed Circuit Subassembly and Accessories: Low Mating Force, Male Brush, Straight-Through, Polarized, with Wrappost Termination (.100 Spacing)
MIL-DTL-55302/168	Connectors, Printed Circuit Subassembly and Accessories: Low Mating Force, Male Brush, Right Angle, Polarized, for Multilayered Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/169	Connectors, Printed Circuit Subassembly and Accessories: Low Mating Force, Female Brush, Straight-Through, Polarized, (.100 Spacing)
MIL-DTL-55302/170	Connectors, Printed Circuit Subassembly and Accessories: Low Mating Force, Female Brush, Right Angle, Polarized, for Multilayered Printed Wiring Board (.100 Spacing)
MIL-DTL-55302/171	Connectors, Printed Circuit Subassembly and Accessories: Low Mating Force, Contact Brush
MIL-C-55302/172	Connectors, Printed Circuit Subassembly and Accessories: Hardware, Coupling and Locking
MIL-DTL-55302/173	Connectors, Printed Circuit Subassembly and Accessories: 2 Row, Pin Assemblies, 20 Through 150 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/174	Connectors, Printed Circuit Subassembly and Accessories: 2 Row, Receptacle Assemblies, Right Angel, 20 Through 150 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/175	Connectors, Printed Circuit Subassembly and Accessories: 2 Row, Pin Assemblies, Right Angle, 20 Through 150 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/176	Connectors, Printed Circuit Subassembly and Accessories: 3 Row, Pin Assemblies, 75 Through 405 Contact Positions, For Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/177	Connectors, Printed Circuit Subassembly and Accessories: 3 Row, Receptacle Assemblies, Right Angle, 75 Through 405 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/178	Connectors, Printed Circuit Subassembly and Accessories: 3 Row, Pin Assemblies, Right Angle, 75 Through 405 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/179	Connectors, Printed Circuit Subassembly and Accessories: 4 Row, Pin Assemblies, 100 Through 684 Contact Positions, for Printed Wiring Boards(.100 Spacing)
MIL-DTL-55302/180	Connectors, Printed Circuit Subassembly and Accessories: 4 Row, Receptacle Assemblies, Right Angle, 100 Through 684 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/181	Connectors, Printed Circuit Subassembly and Accessories: 4 Row, Pin Assemblies, Right Angle, 100 Through 684 Contact Positions, for Printed Wiring Boards (.100 Spacing)
MIL-DTL-55302/182	Connectors, Printed Circuit Subassembly and Accessories: Guide Pins, Jackscrews and Mounting Ears

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MIL-DTL-55302/190	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, 100 Positions, Printed Wiring Boards (.075 Spacing)
MIL-DTL-55302/191	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, 100 Positions, Printed Wiring Board (.075 Inch Spacing)
MIL-DTL-55302/192	Connectors, Printed Circuit Subassembly and Accessories: Receptacle, Socket Contacts, 122 and 152 Positions, Printed Wiring Board (.075 Spacing)
MIL-DTL-55302/193	Connectors, Printed Circuit Subassembly and Accessories: Plug, Pin Contacts, 122 and 152 Position, Printed Wiring Board (.075 Spacing)

1/ See table I, selection chart, for further details on each specification sheet.



TABLE I. Selection chart.

Specification sheet number	Status	Contact Spacing	Min Contacts	Maximum contacts	Contacts row	Contact force 1/	Contact termination 1/	Configuration 1/	Plug or receptacle 1/	Keying available 1/	QPL 1/
MIL-DTL-55302/1	A	0.150	7	28	2	NA	PC	ST	P	N	Y
MIL-DTL-55302/2	A	0.150	7	77	2	---	PC	ST	R	N	Y
MIL-DTL-55302/4	A	0.100	9	77	2	NA	PC	RT	P	N	Y
MIL-DTL-55302/5	A	0.100	9	77	2	NA	PC	ST	P	N	Y
MIL-DTL-55302/6	A	0.100	9	77	2	---	PC	ST	R	N	Y
MIL-DTL-55302/7	A	0.100	13	61	3	NA	PC	RT	P	N	Y
MIL-DTL-55302/8	A	0.100	13	61	3	---	PC	ST	R	N	Y
MIL-DTL-55302/16	A	0.200	7	37	2	NA	PC	RT	P	N	Y
MIL-DTL-55302/17	A	0.200	7	37	2	---	PC	ST	R	N	Y
MIL-DTL-55302/18	A	0.200	7	37	2	NA	PC	ST	P	N	Y
MIL-DTL-55302/19	A	0.150	41	41	2	NA	PC	RT	P	N	N
MIL-DTL-55302/20	A	0.150	41	41	2	---	PC	ST	R	N	N
MIL-DTL-55302/21	A	0.100	92	92	3	NA	PC	RT	P	N	Y
MIL-DTL-55302/22	A	0.100	92	92	3	---	PC	ST	R	N	Y
MIL-DTL-55302/23	A	0.075	10	180	2	NA	SS	ED	P	Y	Y
MIL-DTL-55302/24	A	0.075	10	110	2	L	PC, SS	ED, ST	R	Y	Y
MIL-DTL-55302/25	A	0.075	120	180	2	L	PC, SS	ED, ST	R	Y	Y
MIL-DTL-55302/26	A	0.100	30	110	2	NA	SS	ED, ST	P	Y	Y
MIL-DTL-55302/27	A	1.000	30	110	2	L	PC, SS, WW	ED, ST	R	Y	Y
MIL-DTL-55302/29	A	NA	NA	NA	NA					NA	N
MIL-DTL-55302/30	A	NA	NA	NA	NA					NA	N
MIL-DTL-55302/31	A	NA	NA	NA	NA					NA	Y
MIL-DTL-55302/32	A	NA	NA	NA	NA		SW, WW			NA	Y
MIL-DTL-55302/38	I	0.100	11	35	2	NA	PC	RT	P	N	N
MIL-DTL-55302/42	I	0.100	11	35	2	---	CR	ST	R	N	N
MIL-DTL-55302/52	A	0.100	18	72	2	HE	PC	ST	R	Y	N
MIL-DTL-55302/53	A	0.100	18	72	2	HE	PC	RT	P	Y	N
MIL-DTL-55302/54	A	0.100	18	72	2	HE	PC	ST	P	Y	N
MIL-DTL-55302/55	A	0.100	10	70	2	L, ---	PC, SW	ST	P-SC	N	Y
MIL-DTL-55302/56	A	0.100	10	70	2	NA	PC, SW, WW	ST	R-PC	N	Y
MIL-DTL-55302/57	A	0.100	10	70	2	NA	PC	RT	P-PC	Y	Y
MIL-DTL-55302/58	A	0.100	10	70	2	L, ---	PC, SW, WW	ST	R-SC	Y	Y
MIL-DTL-55302/59	A	0.100	90	120	2	NA	PC	RT	P-PC	Y	Y
MIL-DTL-55302/60	A	0.100	90	120	2	L, ---	PC, SW, WW	ST	R-SC	Y	Y
MIL-DTL-55302/61	A	0.100	10	70	2	NA	PC	RT	P-PC	N	Y
MIL-DTL-55302/62	A	0.100	10	70	2	L, ---	PC, SW	ST	R-SC	N	Y
MIL-DTL-55302/63	A	0.100	10	70	2	NA	PC, SW	ST	P-PC	Y	Y
MIL-DTL-55302/64	A	0.100	10	70	2	L, ---	PC, SW, WW	ST	R-SC	Y	Y
MIL-DTL-55302/65	A	0.100	10	70	2	L, ---	CR	ST	R-SC	Y	Y
MIL-DTL-55302/66	A	0.100	30	70	2	L, ---	CR	ST	R-SC	N	Y

See note at end of table.

TABLE I. Selection chart - Continued.

Specification sheet number	Status	Contact Spacing	Min Contacts	Maximum contacts	Contacts row	Contact force 1/	Contact termination 1/	Configuration 1/	Plug or receptacle 1/	Keying available 1/	QPL 1/
MIL-DTL-55302/67	I	0.100	30	49	3	NA	PC	RT	P	N	Y
MIL-DTL-55302/68	I	0.100	30	49	3	---	CR	ST	R	N	Y
MIL-DTL-55302/69	I	0.100	61	49	3	NA	CR	ST	P	N	Y
MIL-DTL-55302/70	I	0.100	61	61	3	NA	PC	RT	P	N	Y
MIL-DTL-55302/71	I	0.100	40	61	3	---	CR, PC, WW	ST	R	N	Y
MIL-DTL-55302/72	I	0.150	40	76	3	---	CR	ST	R	Y	Y
MIL-DTL-55302/73	I	0.150	39	76	3	NA	PC	RT	P	Y	Y
MIL-DTL-55302/74	I	0.100	39	59	2	NA	PC	RT	P	Y	Y
MIL-DTL-55302/75	I	0.100	58	59	2	---	CR	ST	R	Y	Y
MIL-DTL-55302/76	I	0.100	58	87	2, 3	---	PC	ST	R	Y	Y
MIL-DTL-55302/77	I	0.100	58	87	2, 3	NA	PC	ST	P	Y	Y
MIL-DTL-55302/78	A	NA	NA	NA	NA	NA				Y	Y
MIL-DTL-55302/82	I	0.100	41	114	2	---	CR, PC, WW	ST	R	N	N
MIL-DTL-55302/83	I	0.100	41	114	2	NA	PC, WW	RT	P	N	N
MIL-DTL-55302/84	I	NA	NA	NA	NA	---	CR, SW, WW			NA	N
MIL-DTL-55302/89	A	0.100	24	96	2	HE	PC	RT	P	Y	N
MIL-DTL-55302/90	A	0.100	24	96	2	HE	PC	RT	R	Y	N
MIL-DTL-55302/91	A	0.100	24	96	2	HE	PC, SS, WW	ST	P	Y	N
MIL-DTL-55302/92	A	0.100	24	96	2	HE	PC, SS	ST	R	Y	N
MIL-DTL-55302/93	A	0.100	24	96	2	HE	CR	ST	P	Y	N
MIL-DTL-55302/94	A	0.100	24	96	2	HE	CR	ST	R	Y	N
MIL-DTL-55302/95	A	0.100	24	96	2	HE	WW	ST	P	Y	N
MIL-DTL-55302/96	A	0.100	24	96	2	HE	WW	ST	R	Y	N
MIL-DTL-55302/97	A	NA	NA	NA	NA	HE	CR			NA	N
MIL-DTL-55302/98	A	NA	NA	NA	NA		WW			NA	N
MIL-DTL-55302/99	I	0.100	18	72	2	HE	WW	ST	R	N	N
MIL-DTL-55302/102	I	0.100	18	72	2	HE	CR	ST	R	N	N
MIL-DTL-55302/110	A	0.100	30	140	3	NA	PC	RT	P	Y	Y
MIL-DTL-55302/111	A	0.100	13	61	3	---	PC	ST	R	N	N
MIL-DTL-55302/113	A	0.100	30	140	2	NA	PC	ST	P	N	Y
MIL-DTL-55302/117	A	0.050	20	128	2	NA	PC	RT	P	Y	Y
MIL-DTL-55302/118	A	0.050	20	128	2	NA	SS	ST	P	Y	Y
MIL-DTL-55302/119	A	0.050	20	128	2	---	PC	ST	R	Y	Y
MIL-DTL-55302/120	A	0.050	128	128	2	NA	WW	ST	P	Y	Y
MIL-DTL-55302/121	A	0.050	128	128	2	---	PC,SS	ED, ST	R	Y	Y
MIL-DTL-55302/122	A	0.050	184	184	2	NA	WW	ST	P	Y	Y
MIL-DTL-55302/123	A	0.050	184	184	2	---	SS	ED, ST	R	Y	Y
MIL-DTL-55302/124	A	NA	NA	NA	NA					NA	Y
MIL-DTL-55302/125	A	0.050	80	80	2, 4	NA	PC	ST	P	Y	Y
MIL-DTL-55302/126	A	0.050	80	80	2, 4	---	PC	ST	R	Y	Y

See note at end of table.

TABLE I. Selection chart - Continued.

Specification sheet number	Status	Contact Spacing	Min Contacts	Maximum contacts	Contacts row	Contact force 1/	Contact termination 1/	Configuration 1/	Plug or receptacle 1/	Keying available 1/	QPL 1/
MIL-DTL-55302/127	A	0.100	2	65	1	---	PC	RT	R	Y	Y
MIL-DTL-55302/128	A	0.100	4	130	2	---	PC	RT	R	Y	Y
MIL-C-55302/129	A	0.100	90	240	2, 3	NA	PC	RT	P	Y	Y
MIL-DTL-55302/130	A	0.100	90	240	2, 3	---	PC, WW	ST	R	Y	Y
MIL-DTL-55302/131	A	0.100	64	96	2, 3	NA	PC	RT	P	N	Y
MIL-C-55302/132	A	0.100	64	96	3	---	PC, WW	ST	R	N	Y
MIL-DTL-55302/133	A	0.100	32	64	2	NA	PC	RT	P	N	Y
MIL-DTL-55302/134	A	0.100	32	64	2	---	PC, WW	ST	R	N	Y
MIL-DTL-55302/138	A	0.100	160	160	3	NA	PC	RT	P-PC	Y	Y
MIL-DTL-55302/139	A	0.100	160	160	3	L, ---	PC, SW, WW	ST	R-SC	Y	Y
MIL-DTL-55302/140	A	0.100	17	65	2	NA	CR, PC, SW, WW	ED, RT, ST	P	Y	N
MIL-DTL-55302/141	A	0.100	72	96	2	NA	CR, PC, SS, WW	ED, RT, ST	P	Y	N
MIL-DTL-55302/142	A	0.100	17	65	2	---	CR, PC, WW	RT, ST	R	Y	N
MIL-DTL-55302/143	A	0.100	72	96	2	---	CR, PC, WW	RT, ST	R-PC	Y	N
MIL-DTL-55302/144	A	0.100	8	8	Special	---	CR, PC, WW	RT, ST	R-PC	Y	N
MIL-DTL-55302/145	A	0.100	11	11	Special	---	CR, PC, WW	RT, ST	R-PC	Y	N
MIL-DTL-55302/146	A	0.100	11	11	Special	---	CR, PC, WW	RT, ST	R-PC	Y	N
MIL-DTL-55302/147	A	0.100	11	11	Special	---	CR, PC, WW	RT, ST	R-PC	Y	N
MIL-DTL-55302/148	A	0.100	11	11	Special	---	CR, PC, WW	RT, ST	R-PC	Y	N
MIL-DTL-55302/149	A	0.100	8	8	Special	---	CR, PC, WW	RT, ST	P-SC	Y	N
MIL-DTL-55302/150	A	0.100	11	11	Special	---	CR, PC, SS, WW	ED, RT, ST	P-SC	Y	N
MIL-DTL-55302/151	A	0.100	11	11	Special	---	CR, PC, SS, WW	ED, RT, ST	P-SC	Y	N
MIL-DTL-55302/152	A	0.100	11	11	Special	---	CR, PC, SS, WW	ED, RT, ST	P-SC	Y	N
MIL-DTL-55302/153	A	0.100	11	11	Special	---	CR, PC, SS, WW	ED, RT, ST	P-SC	Y	N
MIL-DTL-55302/154	A	NA	NA	NA	NA					NA	N
MIL-DTL-55302/155	A	NA	NA	NA	NA					NA	N
MIL-DTL-55302/156	A	0.075	10	180	2	NA	PC	RT	P	Y	Y
MIL-DTL-55302/157	A	0.100	64	96	3	NA	CP, WW	ST	P	N	Y
MIL-DTL-55302/158	A	0.100	64	96	3	---	PC	RT	R	N	Y
MIL-DTL-55302/159	A	0.100	17	65	2	L, NA	CR, SW, PC, WW	RT, ST	P, R-M	Y	Y
MIL-DTL-55302/160	A	0.100	72	120	2	L	CR, SW, PC, WW	RT, ST	R-M	Y	Y
MIL-DTL-55302/161	A	0.100	160	160	3	L	PC, WW	ST	R-M	Y	Y
MIL-DTL-55302/162	A	0.100	17	65	2	NA	CR, PC, SW, WW	RT, ST	P-M	Y	Y

See note at end of table.

TABLE I. Selection chart - Continued.

Specification sheet number	Status	Contact Spacing	Min Contacts	Maximum contacts	Contacts row	Contact force 1/	Contact termination 1/	Configuration 1/	Plug or receptacle 1/	Keying available 1/	QPL 1/
MIL-DTL-55302/163	A	0.100	72	120	2	NA	CR, PC, SW, WW	RT, ST	P-M	Y	Y
MIL-DTL-55302/164	A	0.100	160	160	3	NA, L	CR, PC, SW, WW	RT, ST	P, P-M	Y	Y
MIL-DTL-55302/166	A	0.100	20	400	2, 3, 4	NA	PC	ST	P	Y	Y
MIL-DTL-55302/167	A	0.100	20	400	2, 3, 4	NA	WW	ST	P	Y	Y
MIL-DTL-55302/168	A	0.100	20	400	2, 3, 4	NA	PC	RT	P	Y	Y
MIL-DTL-55302/169	A	0.100	20	400	2, 3, 4	L	CR, PC	ST	R	Y	Y
MIL-DTL-55302/170	A	0.100	20	400	2, 3, 4	L	CR	ST	R	NA	Y
MIL-DTL-55302/171	A	NA	NA	NA	NA	L				NA	Y
MIL-C-55302/172	A	NA	NA	NA	NA						Y
MIL-DTL-55302/173	A	0.100	20	150	2	NA	CP, PC, WW	ST	P	Y	Y
MIL-DTL-55302/174	A	0.100	20	150	2	L	PC	RT	R	Y	Y
MIL-DTL-55302/175	A	0.100	20	150	2	NA	PC	RT	P	Y	Y
MIL-DTL-55302/176	A	0.100	75	405	3	NA	CP, PC	ST	P	Y	Y
MIL-DTL-55302/177	A	0.100	75	405	3	L	PC	RT	R	Y	Y
MIL-DTL-55302/178	A	0.100	75	405	3	NA	PC	RT	P	Y	Y
MIL-DTL-55302/179	A	0.100	100	684	4	NA	CP, PC	ST	P	Y	Y
MIL-DTL-55302/180	A	0.100	100	684	4	L	PC	RT	R	Y	Y
MIL-DTL-55302/181	A	0.100	100	684	4	NA	PC	RT	P	Y	Y
MIL-DTL-55302/182	A	NA	NA	NA	NA						Y
MIL-DTL-55302/190	A	0.075	100	100	2	L	PC, SW, WW	ST	R-SC	Y	Y
MIL-DTL-55302/191	A	0.075	100	100	2	NA	PC	RT	P-PC	Y	Y
MIL-DTL-55302/192	A	0.075	122	152	3	L	PC, SW, WW	ST	R-SC	Y	Y
MIL-DTL-55302/193	A	0.075	122	152	3	NA	PC	RT	P-PC	Y	Y

1/ Codes:

Contact force  
HE = hermaphroditic  
L = low  
--- = standard  
NA = not applicable

Contact termination  
CR = crimp  
CP = compliant pin  
PC = printed circuit, solder dip and flexible circuit  
SW = solder wire, solder cup and solder eyelet  
SS = surface solder  
WW = wire wrap

Configuration  
ST – straight termination  
RT – right angle  
ED – edge board

Plug or receptacle  
P = plug  
R = receptacle  
PC = pin contact  
SC = socket contact  
M = both pin and socket

Keying available  
Y = yes  
N = no  
NA = not applicable

QPL  
Y = yes  
N = no

MIL-DTL-55302G  
SUPPLEMENT 1

MIL-DTL-55302G  
SUPPLEMENT 1

CONCLUDING MATERIAL

Custodians:

Army - CR  
Navy - EC  
Air Force - 85  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5935-2009-175)

Review activities:

Army - AR, AT, AV, CR4, MI  
Navy - AS, MC, OS  
Air Force - 19

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.