

Miniature Cylindrical MIL-C-83723, Series III insert arrangement chart

INSERT ARRANGEMENTS

Shell Size/ Insert Arrangement	Service Rating	Total Contacts	Contact Size		
			12	16	20
0803	I	3			3
0898	I	3			3
1002	I	2			2
1005	I	5			5
1006	I	6			6
1020	I	2		2	
1203	I	3		3	
1212	I	12			12
1404	I	4	4		
1407	I	7		7	
1412	I	12		3	9
1415	I	15			15
1610	I	10		10	
1624	I	24			24
1808	I	8	8		
1814	I	14		14	
1831	I	31			31
2016	I	16		16	
2025	I	25	6		19
2028	I	28	4		24
2039	I	39		2	37
2041	I	41			41
2212	I	12	12		
2219	I	19		19	
2232	I	32	6		26
2255	I	55			55
2429†		29		29	
2430†		30		30	
2443	I	43		20	23
2457	I	57	2		55
2461	I	61			61
2841†		41		41	
2842†		42		42	

† Not an MS layout.

Connectors with these insert arrangements should be ordered by proprietary part number only.

Shell size 28 is available in threaded coupling connectors only.







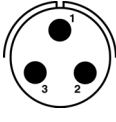
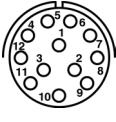
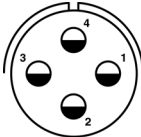
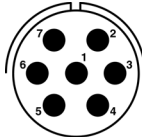
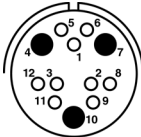
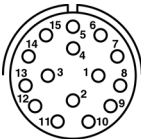
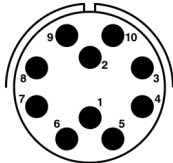
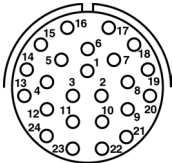
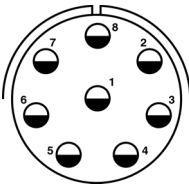
See how to order for bayonet type connectors on page 9, and how to order for threaded and quick-disconnect type connectors on page 15.

Insert arrangements are per MIL-STD-1554.



Miniature Cylindrical MIL-C-83723, Series III contact arrangements

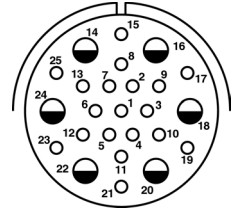
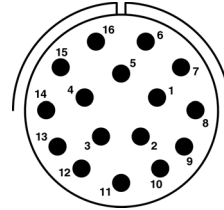
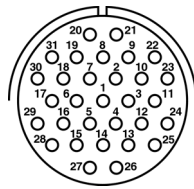
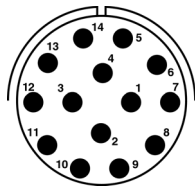
front face of pin insert or rear face of socket insert illustrated

						
Insert Arrangement	0803	0898	1002	1005	1006	1020
Service Rating	I	I	I	I	I	I
Number of Contacts	3	3	2	5	6	2
Contact Size	20	20	20	20	20	16
						
Insert Arrangement	1203	1212	1404	1407	1412	
Service Rating	I	I	I	I	I	
Number of Contacts	3	12	4	7	9	3
Contact Size	16	20	12	16	20	16
						
Insert Arrangement	1415	1610	1624	1808		
Service Rating	I	I	I	I		
Number of Contacts	15	10	24	8		
Contact Size	20	16	20	12		

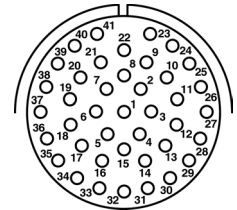
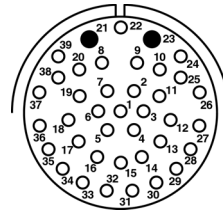
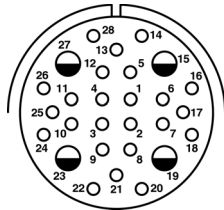
CONTACT LEGEND ○ ● ◐
20 16 12

Miniature Cylindrical MIL-C-83723, Series III contact arrangements

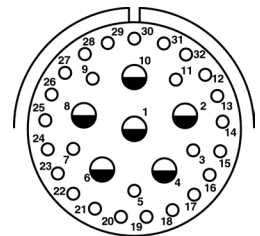
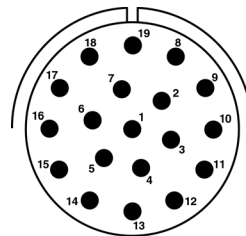
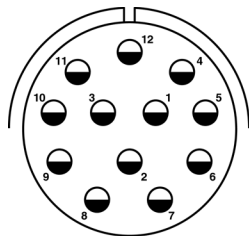
front face of pin insert or rear face of socket insert illustrated



Insert Arrangement	1814	1831	2016	2025
Service Rating	I	I	I	I
Number of Contacts	14	31	16	19 6
Contact Size	16	20	16	20 12



Insert Arrangement	2028	2039	2041
Service Rating	I	I	I
Number of Contacts	24 4	37 2	41
Contact Size	20 12	20 16	20

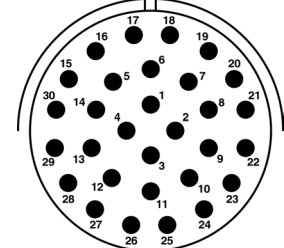
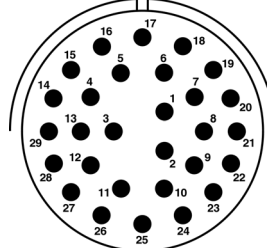
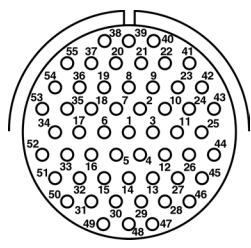


Insert Arrangement	2212	2219	2232
Service Rating	I	I	I
Number of Contacts	12	19	26 6
Contact Size	12	16	20 12

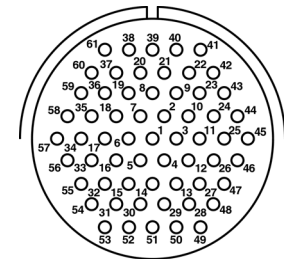
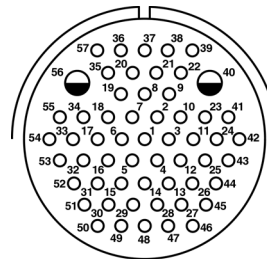
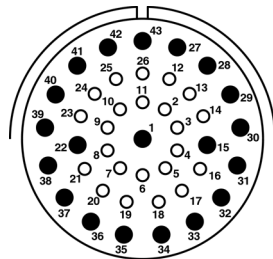
CONTACT LEGEND ○ ● ◐
20 16 12

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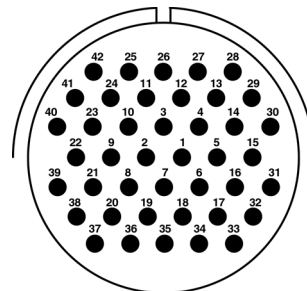
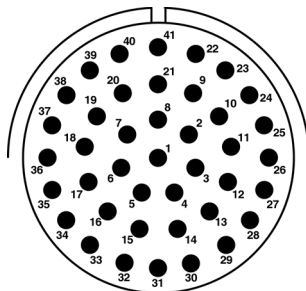
front face of pin insert or rear face of socket insert illustrated



Insert Arrangement	2255	2429†	2430†
Service Rating	I		
Number of Contacts	55	29	30
Contact Size	20	16	16



Insert Arrangement	2443	2457	2461
Service Rating	I	I	I
Number of Contacts	23 20	55 2	61
Contact Size	20 16	20 12	20



Insert Arrangement	2841†	2842†
Service Rating		
Number of Contacts	41	42
Contact Size	16	16

† Not an MS layout.

Connectors with these insert arrangements can be ordered by proprietary part number only.

Shell size 28 is available in threaded coupling connectors only.

See how to order for bayonet type connectors on page 9, and how to order for threaded and quick-disconnect type connectors on page 15.



CONTACT LEGEND	○	●	◐
	20	16	12