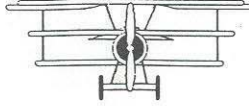


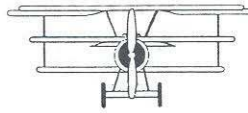
MIL-C-5015 INSERT CONTACTS, SERVICE RATING AND CLOCKING POSITIONS

SHELL SIZE		INSERT ARRANGEMENTS		CONTACTS		SERVICE RATING	ALTERNATE INSERT POSITIONS (DEGREES)				REMARKS
M83723 II	5015 III	5015 III	M83723 II	QTY.	SIZE		W	X	Y	Z	
15	14S	14S-9	1509	2	16	A	70	145	215	290	
	14S	14S-10	1510	4	16	INST	Insert rotated 100°C/W in shell				Made from 14S-2
	14S	14S-11	1511	4	16	INST	Insert rotated 250°C/W in shell				Made from 14S-2
	14S	14S-12	1512	3	16	A	Insert rotated 100°C/W in shell				Made from 14S-1
	14S	14S-13	1513	3	16	A	Insert rotated 260°C/W in shell				Made from 14S-1
17	16S	16S-1	1701	7	16	A	80	---	---	280	
16	16	16-2	1602	1	12	E	---	---	---	---	
17	16S	16S-3	1703	1	16	B	---	---	---	---	
	16S	16S-4	1704	2	16	D	35	110	250	325	
16	16	16-7	1607	2 1	16 8	A	80	110	250	280	
17	16S	16S-8	1708	5	16	A	---	170	265	---	
16	16	16-9	1609	2 2	16 12	A	35	110	250	325	
	16	16-10	1610	3	12	A	90	180	270	---	
	16	16-11	1611	2	12	A	35	110	250	325	
	16	16-12	1612	1	4	A	---	---	---	---	
	16	16-13	1613	2	12	A	35	110	250	325	
18	18	18-1	1801	4 6	16	A(B,C,F,G) INST	70	145	215	290	
	18	18-4	1804	4	16	D	35	110	250	325	
	18	18-5	1805	1 2	16 12	D	80	110	250	280	
	18	18-6	1806	1	4	D	---	---	---	---	
	18	18-7	1807	1	8	B	---	---	---	---	
	18	18-8	1808	7 1	16 12	A	70	---	---	290	
	18	18-9	1809	5 2	16 12	INST	80	110	250	280	
	18	18-10	1810	4	12	A	---	120	240	---	
	18	18-11	1811	5	12	A	---	170	265	---	
	18	18-12	1812	6	16	A	80	---	---	280	
	18	18-13	1813	3 1	12 8	A	80	110	250	280	
	18	18-14	1814	1 1	16 4	A	80	110	250	280	
	18	18-15	1815	4	12	A	---	120	240	---	
	18	18-16	1816	1	12	C	---	---	---	---	
	18	18-17	1817	5 2	16 12	INST	Insert rotated 100°C/W in shell				Made from 18-9
	18	18-18	1818	5 2	16 12	INST	Insert rotated 250°C/W in shell				Made from 18-9
	18	18-19	1819	10	16	A	---	120	240	---	
	18	18-22	1822	3	16	D	70	145	215	290	
	18	18-23	1823	4 6	16	A INST	Insert rotated 100°C/W in shell				Made from 18-1
	18	18-24	1824	4 6	16	A INST	Insert rotated 250°C/W in shell				Made from 18-1
18	18-27	1827	1 2	16 12	D	Insert rotated 100°C/W in shell				Made from 18-5	
18	18-28	1828	1 2	16 12	D	Insert rotated 250°C/W in shell				Made from 18-5	
20	20	20-2	2002	1	0	D	---	---	---	---	
	20	20-4	2004	4	12	D	45	110	250	---	
	20	20-7	2007	4 4	16 16	D (A,B,G,H) A(All others)	80	110	250	280	
	20	20-8	2008	4 2	16 8	INST.	80	110	250	280	
	20	20-9	2009	1 7	12 16	D (H) A (All others)	80	110	250	280	
	20	20-14	2014	3 2	12 8	A	80	110	250	280	
	20	20-15	2015	7	12	A	80	---	---	280	
	20	20-16	2016	7 2	16 12	A	80	110	250	280	
	20	20-17	2017	1 5	16 12	A	90	180	270	---	
	20	20-18	2018	6 3	16 12	A	35	110	250	325	
20	20-21	2021	8 1	16 12	A	35	110	250	325		
20	20-22	2022	3 3	16 8	A	80	110	250	280		



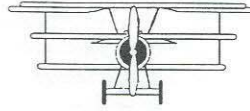
MIL-C-5015 INSERT CONTACTS, SERVICE RATING AND CLOCKING POSITIONS

SHELL SIZE	INSERT ARRANGEMENTS		CONTACTS		SERVICE RATING	ALTERNATE INSERT POSITIONS (DEGREES)				REMARKS	
	5015 III	M83723 II	QTY.	SIZE		W	X	Y	Z		
20	20	20-24	2024	2 2	16 8	A	35	110	250	325	
	20	20-27	2027	14	16	A	35	110	250	325	
	20	20-29	2029	17	16	A	80	---	---	280	
	20	20-32	2032	4 4	16 16	D (A,B,G,H) A (All others)	Insert rotation 260°C/W in shell				Made from 20-7
22	20	20-33	2033	11	16	A	---	---	---	---	
	22	22-2	2202	3	8	D	70	145	215	290	
	22	22-4	2204	2 2	12 8	A	35	110	250	325	
	22	22-5	2205	4 2	16 12	D	35	110	250	325	
	22	22-6	2206	1 2	16 8	D	80	110	250	280	
	22	22-7	2207	1	0	E	---	---	---	---	
	22	22-9	2209	3	12	E	80	110	250	280	
	22	22-10	2210	4	16	E	35	110	250	325	
	22	22-11	2211	2	16	B	35	110	250	325	
	22	22-12	2212	3 2	16 8	D	80	110	250	280	
	22	22-14	2214	19	16	A	80	110	250	280	
	22	22-15	2215	1 5	16 12	E (D) A (All others)	80	110	250	280	
	22	22-17	2217	1 7 1	16 16 12	D (A) A A (All others)	80	110	250	280	
	22	22-18	2218	3 5	16 16	A (C,D,E) D (All others)	80	110	250	280	
	22	22-19	2219	14	16	A	80	110	250	280	
	22	22-21	2221	2 1	16 0	A	80	110	250	280	
	22	22-22	2222	4	8	A	---	110	250	---	
	22	22-23	2223	1 7	12 12	D(H) (All others)	35	---	250	---	
	22	22-27	2227	1 8	8 16	D (J) A (All others)	80	---	250	280	
	22	22-30	2230	19	16	A	Insert rotated 260°W in shell				Made from 22-14
	22	22-32	2232	4 2	16 12	D	Insert rotated 260°C/W in shell				Made from 22-5
	22	22-36	2236	1 7	12 12	D (H) A (All others)	90	---	270	---	
24	24	24-1	2401	1 1	12 0	D	80	110	250	280	
	24	24-2	2402	7	12	D	80	---	---	280	
	24	24-4	2404	3 1	16 0	D	80	110	250	280	
	24	24-5	2405	16	16	A	80	110	250	280	
	24	24-6	24-06	3 5	12 12	D (A,G,H) A (All others)	80	110	250	280	
	24	24-7	2407	14 2	16 12	A	80	110	250	280	
	24	24-10	2410	7	8	A	80	---	---	280	
	24	24-11	2411	6 3	12 8	A	35	110	250	325	
	24	24-12	2412	3 2	2 8	A	80	110	250	280	
	24	24-15	2415	16	16	A	Insert rotated 100°C/W in shell				Made from 24-5
	24	24-16	2416	3 1 3	16 8 12	D (A,B,F) D (G) A (All others)	80	110	250	280	
	24	24-20	2420	9 2	16 12	D	80	110	250	280	
	24	24-21	24-21	9 1	16 8	D	80	110	250	280	
	24	24-22	2422	4	8	D	45	110	250	---	
	24	24-24	2424	16	16	A	Insert rotated 250°C/W in shell				Made from 24-5
	24	24-27	2427	7	16	E	80	---	---	280	
	24	24-28	2428	24	16	INST	80	110	250	280	
	24	24-80	2480	23	16	INST	35	145	240	300	



MIL-C-5015 INSERT CONTACTS, SERVICE RATING AND CLOCKING POSITIONS

SHELL SIZE	INSERT ARRANGEMENTS		CONTACTS		SERVICE RATING	ALTERNATE INSERT POSITIONS (DEGREES)				REMARKS
	5015 III	M83723 II	QTY.	SIZE		W	X	Y	Z	
28	28-1	2801	2	12	D (A & E) A(B,D,F,H) D(J) A(G & C)	80	110	250	280	
			4	12						
			1	8						
			2	8						
	28-2	2802	12	16	D	35	110	250	325	
			2	12						
	28-3	2803	3	8	E	70	145	215	290	
	28-4	2804	3	16	E(G,P,S) D(A,B,E,F) D(C & D)	80	110	250	280	
			4	16						
			2	12						
	28-5	2805	2	16	D	35	110	250	325	
			1	12						
			2	4						
	28-8	2808	2	12	E(L & M) D(B) A (All others)	80	110	250	280	
			1	16						
			9	16						
	28-9	2809	6	16	D	80	110		280	
			6	12						
	28-10	2810	1	12	D(G) A (A, F) A (B, E) A (C, D)	80	110	250	280	
			2	12						
			2	8						
			2	4						
28-11	2811	18	16	A	80	110	250	280		
		4	12							
28-12	2812	26	16	A	90	180	270			
28-15	2815	35	16	A	80	110	250	280		
28-16	2816	20	16	A	80	110	250	280		
28-17	2817	1	16	B(R) D(M,N,P) A (All others)	80	110	250	280		
		3	16							
		11	16							
28-18	2818	1	16	C(M) A (A, B) Inst (C, D, E, F) D(All others)	70	145	215	290		
		2	16							
		4	16							
		5	16							
28-19	2819	2	16	B (H,M) D(A,B) (All others)	80	110	250	280		
		2	16							
		2	16							
		4	12							
28-20	2820	4	16	A	80	110	250	280		
		10	12							
28-21	2821	37	16	A	80	110	250	280		
28-22	2822	3	16	D	70	145	215	290		
		3	4							
32	32-1	3201	1	12	E (A) D (D, C) D (B, E)	80	110	250	280	
			2	12						
			2	0						
	32-2	3202	2	16	E	70	145	215	290	
			3	4						
	32-3	3203	4	16	D	80	110	350	280	
			2	12						
			2	4						
			1	0						
	32-6	3206	16	16	A	80	110	250	280	
			2	12						
			3	8						
			2	4						
	32-7	3207	4	16	Inst.(A,B,H,J) A (All others)	80	125	235	280	
			24	16						
			7	12						
	32-9	3209	12	16	D	80	110	250	280	
			2	4						
	32-13	3213	18	16	D	80	110	250	280	
			5	12						
	32-15	3215	6	16	D	35	110	250	280	
			2	0						
32-17	3217	4	4	D	45	110	250	---		
32-19	3219	1	12	E (A) D (D, C) D (B, E)	Insert rotated 260° C/W in shell				Made from 32-1	
		2	12							
		2	0							
32-20	3220	16	16	A	Insert rotated 260° C/W in shell				Made from 32-6	
		2	12							
		3	8							
		2	4							
32-22	3222	54	16	A	80	110	250	280	U=100°, V=260°	
32-63	3263	5	4	D	---	---	---	---		
32-73	3273	46	16	A	36	---	---	---		



MIL-C-5015 INSERT CONTACTS, SERVICE RATING AND CLOCKING POSITIONS

SHELL SIZE	INSERT ARRANGEMENTS		CONTACTS		SERVICE RATING	ALTERNATE INSERT POSITIONS (DEGREES)				REMARKS	
	5015 III	M83723 II	QTY.	SIZE		W	X	Y	Z		
36	36	36-3	3603	3 3	12 0	D	70	145	215	290	
	36	36-5	3605	4	0	A	---	120	240	---	
	36	36-6	3606	4 2	4 0	A	35	110	250	325	
	36	36-7	3607	40 7	16 12	A	80	110	250	280	
	36	36-8	3608	46 1	16 12	A	80	110	250	280	
	36	36-9	3609	14 14 2 1	16 12 8 4	A	80	125	235	280	
	36	36-10	3610	48	16	A	80	125	235	280	
	36	36-11	3611	48	16	A	Insert rotated 100°C/W in shell				Made from 36-10
	36	36-12	3612	48	16	A	Insert rotated 250°C/W in shell				Made from 36-10
	36	36-15	3615	35	16	D (M) A (All others)	60	125	245	305	
	36	36-16	3616	40 7	16 12	A	Insert rotated 100°C/W in shell				Made from 36-7
	36	36-17	3617	40 7	16 12	A	Insert rotated 350°C/W in shell				Made from 36-7
	36	36-18	3618	14 14 2 1	16 12 8 4	A	Insert rotated 100°C/W in shell				Made from 36-9
	36	36-21	3621	14 14 2 1	16 12 8 4	A	Insert rotated 260°C/W in shell				Made from 36-9
	36	36-52	3652	52	16	A	72	144	216	288	
	36	36-66	3666	52 4	16 12	A	110	250	260	280	
40	40	40-1	4001	24 6	16 12	D	65	130	235	300	
	40	40-2	4002	5 18	16 16	D	80	110	250	280	
	40	40-3	4003	18 4 1	16 12 4	D	80	110	250	280	
	40	40-4	4004	16 2 3 2	16 12 8 4	D	80	110	250	280	
	40	40-5	4005	6 4 2 3	12 8 4 0	A	80	110	250	280	
	40	40-6	4006	24 1 1	24 1 1	D	80	110	250	280	
	40	40-7	4007	2 2 2 16	2 2 2 16	A (W & X) A (U & V) A (P & Q) D (All others)	80	110	250	280	
	40	40-9	4009			A	65	125	255	310	
	40	40-10	4010			A	65	125	255	310	
	40	40-11	4011		16 12 8 4 0	D	80	110	250	280	
	40	40-56	4056	85	16	A	72	144	216	288	
	40	40-62	4062	60	16	A	30	130	220	290	

NOTE: This tabulation includes the MIL-C-83723 Series II connectors, which are no longer recommended for new design or retro-fit. The difference between the MIL-C-5015 Series III and the MIL-C-83723 Series II is the MIL-C-5015 has a captivated coupling ring on the plug; MIL-C-83723 Series II has a separate coupling ring retained when the backshell is attached. They are otherwise identical, and interchangeable.