



Contact layouts for circular connector series ESA/SCC 3401/52 (8LTS), 3401/044 (8TS), 3401/56 (8DS), 3401/057 (8DS), 3401/070 (8DS), MIL-DTL-38999 series I (8LTS), series II (8TS), series III (8DS), Space grade 8LTS (series I), 8TS (series II), 8DS (series III)

shell size									
8LTS 8DS	8TS								
09	08	35	8LTS 8DS 8DS-H 8TS 6 # 22D	98	8LTS 8DS 8DS-H 3 # 20	01	8DS 1 # 8 triaxial		
11	10	35	8LTS 8DS 8DS-H 8TS 13 # 22D	98	8LTS 8DS 8DS-H 6 # 20	01	8LTS 8DS 1 # 12	05	8LTS 8DS 5 # 20
13	12	35	8LTS 8DS 8TS 22 # 22D	98	8LTS 8DS 8DS-H 10 # 20	08	8LTS 8DS 8 # 20	26	8DS 6 # 22 2 # 12
15	14	35	8LTS 8DS 8DS-H 8TS 37 # 22D	19	8LTS 8DS 19 # 20	05	8LTS 8DS 5 # 16	97	8LTS 8DS 8 # 20 4 # 16
17	16	35	8LTS 8DS 8TS 55 # 22D	26	8LTS 8DS 26 # 20	06	8LTS 8DS 8TS 6 # 12	08	8LTS 8DS 8DS-H 8TS 8 # 16
19	18	35	8LTS 8DS 8TS 66 # 22D	32	8LTS 8DS 32 # 20	11	8LTS 8DS 8DSH 11 # 16	99	8LTS 8DS 2 # 16 21 # 20
21	20	35	8LTS 8DS 8TS 79 # 22D	41	8LTS 8DS 8TS 41 # 20	16	8LTS 8DS 8TS 16 # 16	11	8LTS 8DS 8TS 11 # 12
23	22	35	8LTS 8DS 8TS 100 # 22D	53	8LTS 8DS 53 # 20	21	8LTS 8DS 21 # 16	39	8LTS 8DS 37 # 20 2 # 16
25	24	35	8LTS 8DS 8TS 128 # 22D	61	8LTS 8DS 8DS-H 8TS 61 # 20	19	8LTS 8DS 19 # 12	03*	8DS 1 # 8 2 # 4
25	24	29	8LTS 8DS 8TS 29 # 16	43	8LTS 8DS 23 # 20 20 # 16	24	8LTS 8DS 8TS 12 # 16 12 # 12	07*	8DS 7 # 8



* ESA only



Crimp contacts

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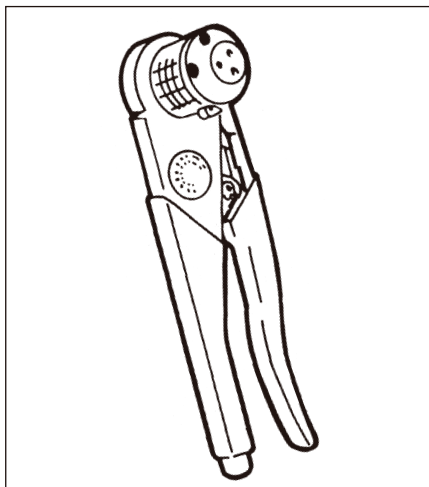
Contact size	Conductor section AWG		Part number			
			ESA/SCC 3401 052 & 3401 056 connectors	SOURIAU in accordance with ESA: 8LTS & 8DS connectors	ESA/SCC 3401 044 connectors	SOURIAU in accordance with ESA: 8TS connectors
# 22	# 22, # 24 & # 26	pin socket	3401 058 01B 3401 058 02B	8975-2123 8975-2130	3401 045 01B 3401 045 02B	8975-2123 8975-2137
# 20	# 20, # 22 & # 24	pin socket	3401 058 03B 3401 058 04B	8975-2124 8975-2131	3401 045 03B 3401 045 04B	8975-2124 8975-2138
# 16	# 16, # 18 & # 20	pin socket	3401 058 05B 3401 058 06B	8975-2125 8975-2132	3401 045 05B 3401 045 06B	8975-2125 8975-2139
# 12	# 12 & # 14	pin socket	3401 058 07B 3401 058 08B	8975-2126 8975-2133	3401 045 07B 3401 045 08B	8975-2126 8975-2140
# 8	# 8 & # 10	pin socket	3401 058 09B 3401 058 10B	8975-2127 8975-2134	- -	- -
# 4	# 4 & # 6	pin socket	3401 058 11B 3401 058 12B	8975-2128 8975-2135	- -	- -
# 4	# 8 & # 10	pin socket	3401 058 13B 3401 058 14B	8975-3729 8975-3780	- -	- -

Tooling for crimp contacts

Contact size	Designation	Part number		
		Crimping tool	Locator	Insertion and removable plastic tools
# 22	pin socket	M22520/2-01 M22520/2-01	M22520/2-09 M22520/2-07	M81969/14-01 M81969/14-01
# 20	pin / socket	M22520/1-01	M22520/1-04	M81969/14-10
# 16	pin / socket	M22520/1-01	M22520/1-04	M81969/14-03
# 12	pin / socket	M22520/1-01	M22520/1-04	M81969/14-04
# 8	pin / socket	M22520/23-01	M22520/23-09 Point : M22520/23-02	M81969/29-02 *
# 4 wire 4/6	pin / socket	M22520/23-01	M22520/23-11 Point : M22520/23-04	M81969/29-03 *
# 4 wire 8/10	pin / socket	M22520/23-01	8975-3988 Point : M22520/23-02	M81969/29-03 *

* Removable only

M22520/1-01 with locator



M81969

