



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

- size 20 contacts
- size 16 contacts
- size 8 contacts
- size 4 contacts
- size 12 contacts
- size 8 triax contact

\* ESA only



# Crimp contacts

## Crimp contacts

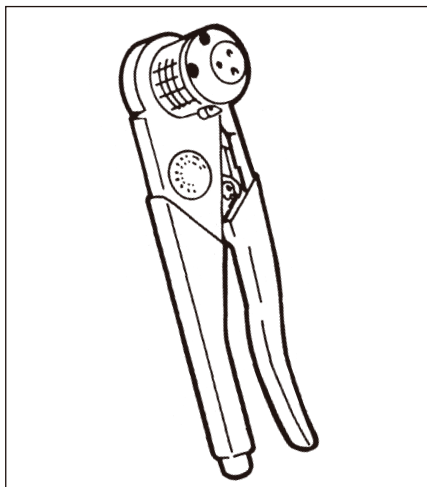
Contact size	Conductor section AWG		Part number			
			ESA/SCC 3401 052 & 3401 056 connectors	SOURIAU in accordance with ESA: 8LTS & 8DS connectors	ESA/SCC 3401 044 connectors	SOURIAU in accordance with ESA: 8TS connectors
# 22	# 22, # 24 & # 26	pin socket	3401 058 01B 3401 058 02B	<b>8975-2123</b> <b>8975-2130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

## Tooling for crimp contacts

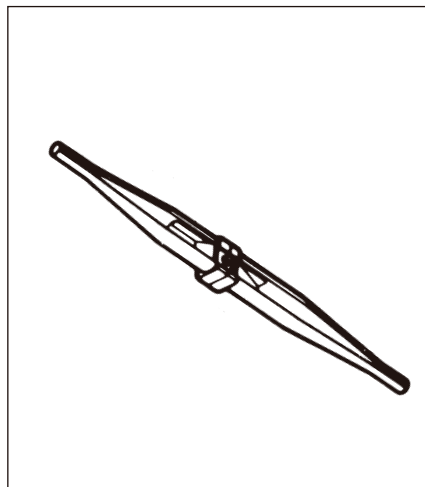
Contact size	Designation	Part number		
		Crimping tool	Locator	Insertion and removable plastic tools
# 22	pin socket	M22520/2-01 M22520/2-01	M22520/2-09 M22520/2-07	M81969/14-01 M81969/14-01
# 20	pin / socket	M22520/1-01	M22520/1-04	M81969/14-10
# 16	pin / socket	M22520/1-01	M22520/1-04	M81969/14-03
# 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



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