

CONNECTORS, ELECTRICAL, SOLDER AND WIRE WRAP CONTACTS, NON-REMOVABLE, RECTANGULAR RECEPTACLE AND PLUG, BASED ON TYPE D*M				155Qrev1
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3401 Detail ESCC	SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	Sep 1988
Remarks: Certificate revised after approval of a new issue of the PID due to a change in the insulation material (Peek instead of DAP) as specified in Souriau's bulletin FEP-008-02-2023. Any order placed on and after 09/2023 will be delivered with the new version (insulator colour black instead of green).				
3401/001, 3401/022, 3401/072, 3401/004, 3401/040				
<p>Qualified range:</p> <p>Complete range as defined in the Detail Specifications are qualified except for:</p> <ul style="list-style-type: none"> • high density 104 contacts arrangement • coaxial and power contacts and arrangement <p>Range of Connectors: 3401/001: variants 01 to 02</p> <p>Range of Contacts: Size 20 : 9, 15, 25, 37 and 50 contacts, Size 22: 15, 26, 44, 62, 78 contacts 3401/022: variants 01 to 16 & 44 to 57 & 65 to 80 3401/072: variants 01 to 65 3401/004: variants 01 to 20 3401/040: variants 01 to 12</p> <p>Mounting Type: blank: standard mounting holes; Y: floating mount; E: captive nuts</p> <p>Gold-plated non-magnetic coating</p> <p>Operating Temperature Range (°C): -55 to +125</p>				

CONNECTORS AND CONNECTOR SAVER, ELECTRICAL, CRIMP CONTACTS, REMOVABLE RECTANGULAR RECEPTACLE AND PLUG, BASED ON TYPE D*MA,				156Prev1
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3401 Detail ESCC	SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	Sep 1988
		Remarks Certificate revised after approval of a new issue of the PID due to a change in the insulation material (Peek instead of DAP) as specified in Souriau's bulletin FEP-008-02-2023. Any order placed on and after 09/2023 will be delivered with the new version (insulator colour black instead of green).		
3401/002, 3401/005, 3401/020, 3401/021, 3401/022, 3401/072				
<p>Qualified range: Complete range as defined in the Detail Specifications are qualified except for high density 104 contacts arrangement</p> <p>Accessories variants qualified: 3401/022: variants 01 to 16 & 44 to 57 & 65 to 80 3401/072: variants 01 to 65</p> <p>Range of Connectors: 3401/002: variants 01 and 02 3401/005: variants 01 to 08 3401/021 & 022: variants 01 and 02</p> <p>Range of contacts: 9, 15, 25, 37 and 50 contacts size 20 for standard contact arrangements 15, 26, 44, 62, 78 contacts size 22 for high density contact arrangements</p> <ul style="list-style-type: none"> - Accepts wire sizes AWG # 20 to 24 (standard bucket: variants 01 and 02) - Accepts wire sizes AWG # 26 and 28 (reduced bucket: variants 03 and 04) - Accepts wire size AWG# 18 and 20 (large bucket: variants 05 and 06) - Accepts wire size AWG # 22, 24 and 26 (contact AWG # 22 for high density, contact arrangements, variants 07 and 08) <p>Connector Savers: For usage with connector range defined above</p> <p>Gold-plated non-magnetic coating</p> <p>Operating Temperature Range (°C): -55 to +125</p>				

CONNECTORS, ELECTRICAL, CIRCULAR, BAYONET COUPLING, SCOOP-PROOF, REMOVABLE CRIMP CONTACTS, BASED ON TYPE MIL-C-38999, SERIES				220M														
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date														
Generic ESCC 3401	SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	May 1995														
Detail ESCC		Remarks																
3401/052, 3401/058, 3401/062																		
<p>Qualified range:</p> <p>All connector variants are qualified For 3401/058, variants 01 to 14 are qualified For 3401/062, variants 01 to 27 are qualified</p> <p># 20 with standard contact arrangements 3, 6, 10, 19, 26, 32, 41, 53, 61 # 22 with high density arrangements 6, 13, 22, 37, 55, 66, 79, 100, 128</p> <table border="1" data-bbox="555 1167 956 1395"> <thead> <tr> <th>Contact size</th> <th>Ratings (A)</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>80</td> </tr> <tr> <td>8</td> <td>46.0</td> </tr> <tr> <td>12</td> <td>23.0</td> </tr> <tr> <td>16</td> <td>13.0</td> </tr> <tr> <td>20</td> <td>7.5</td> </tr> <tr> <td>22</td> <td>5.0</td> </tr> </tbody> </table> <p>Other arrangements with contact sizes: 20, 16, 12, 8</p> <p>Receptacle and Plug Shell Sizes: 09, 11, 13, 15, 17, 19, 21, 23, 25</p> <p>Operating Temperature Range (°C): -65 to +200</p>					Contact size	Ratings (A)	4	80	8	46.0	12	23.0	16	13.0	20	7.5	22	5.0
Contact size	Ratings (A)																	
4	80																	
8	46.0																	
12	23.0																	
16	13.0																	
20	7.5																	
22	5.0																	

CONNECTORS, ELECTRICAL, CIRCULAR, BAYONET COUPLING, REMOVABLE CRIMP CONTACTS, BASED ON TYPE MIL-C-38999, SERIES II				221M										
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date										
Generic ESCC 3401	SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	May 1995										
Detail ESCC		Remarks												
3401/044, 3401/045, 3401/062														
<p>Qualified range:</p> <p>For 3401/044, all variants are qualified For 3401/045, variants 01 to 08 are qualified For 3401/062, variants 01 to 27 are qualified</p> <table border="1"> <thead> <tr> <th>Contact size</th> <th>Ratings (A)</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>23.0</td> </tr> <tr> <td>16</td> <td>13.0</td> </tr> <tr> <td>20</td> <td>7.5</td> </tr> <tr> <td>22</td> <td>5.0</td> </tr> </tbody> </table> <p># 20 with standard contact arrangements 3, 6, 10, 18, 26, 32, 41, 55, 61 # 22 with high density arrangements 6, 13, 22, 37, 55, 66, 79, 100, 128</p> <p>Other arrangements with contact sizes: 20, 16, 12</p> <p>Receptacle and Plug Shell Sizes: 08, 10, 12, 14, 16, 18, 20, 22, 24</p> <p>Operating Temperature Range (°C): -65 to +200</p>					Contact size	Ratings (A)	12	23.0	16	13.0	20	7.5	22	5.0
Contact size	Ratings (A)													
12	23.0													
16	13.0													
20	7.5													
22	5.0													

CONNECTORS, MINIATURE, ELECTRICAL, CIRCULAR, TRIPLE-START SELF- LOCKING COUPLING, SCOOP-PROOF, REMOVABLE AND NON-REMOVABLE CRIMP CONTACTS BASED ON TYPE MIL-C-38999, SERIES III				222M																												
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date																												
Generic ESCC 3401 Detail ESCC	SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	May 1995																												
Remarks																																
3401/056, 3401/058, 3401/062, 3401/066, 3401/070																																
<p>Qualified range:</p> <p>3401/056, all variants are qualified 3401/058, variants 01 to 14 are qualified 3401/062, variants 28 to 54 are qualified 3401/066, variants 01 and 02 are qualified 3401/058 crimp contacts and 3401/066 triax contacts to be mounted on 3401/056 connectors 3401/070 connector receptacles with PCB contacts</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Crimp contact size</th> <th>Ratings (A)</th> <th>PCB contact size</th> <th>Ratings (A)</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>80.0</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>46.0</td> <td>16</td> <td>10.0</td> </tr> <tr> <td>12</td> <td>23.0</td> <td>20</td> <td>5.0</td> </tr> <tr> <td>16</td> <td>13.0</td> <td>22</td> <td>3.0</td> </tr> <tr> <td>20</td> <td>7.5</td> <td></td> <td></td> </tr> <tr> <td>22</td> <td>5.0</td> <td></td> <td></td> </tr> </tbody> </table> <p>#20 with standard contact arrangements (3, 4, 5, 6, 7, 8, 10, 18, 19, 26, 32, 41, 53, 55, 61 contacts) #22 with high density arrangements (6, 13, 22, 37, 55, 66, 79, 100, 128 contacts)</p> <p>Other arrangements with contact sizes:# 20, 16, 12, 8 ,4</p> <p>Receptacle and Plug Shell Sizes: 09, 11, 13, 15, 17, 19, 21, 23, 25. Triax contacts</p> <p>Operating Temperature Range (°C): -65 to +200</p>					Crimp contact size	Ratings (A)	PCB contact size	Ratings (A)	4	80.0			8	46.0	16	10.0	12	23.0	20	5.0	16	13.0	22	3.0	20	7.5			22	5.0		
Crimp contact size	Ratings (A)	PCB contact size	Ratings (A)																													
4	80.0																															
8	46.0	16	10.0																													
12	23.0	20	5.0																													
16	13.0	22	3.0																													
20	7.5																															
22	5.0																															

CONNECTORS, MINIATURE, ELECTRICAL, CIRCULAR, TRIPLE-START SELF- LOCKING COUPLING, SCOOP-PROOF, HERMETIC RECEPTACLE AND FEEDTHROUGH BASED ON TYPE MIL-C-38999, SERIES III				223L												
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date												
Generic ESCC 3401 Detail ESCC 3401/057	SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	May 1995												
Remarks																
<p>Qualified range:</p> <p>All variants are qualified.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Contact size</th> <th>Ratings (A)</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>33</td> </tr> <tr> <td>12</td> <td>17</td> </tr> <tr> <td>16</td> <td>10</td> </tr> <tr> <td>20</td> <td>5.0</td> </tr> <tr> <td>22D</td> <td>3.0</td> </tr> </tbody> </table> <p># 20 with standard contact arrangements (3, 6, 10, 19, 26, 32, 41, 53, 61 contacts) # 22 with high density arrangements (6, 13, 22, 37, 55, 66, 79, 100, 128 contacts)</p> <p>Receptacle Shell Sizes: 09, 11, 13, 15, 17, 19, 21, 23, 25</p> <p>Receptacle (contacts # 8, 12, 16, 20, 22D) and Feedthrough (contacts # 8, 12, 16, 20, 22D)</p> <p>Operating Temperature Range (°C): -65 to +200</p>					Contact size	Ratings (A)	8	33	12	17	16	10	20	5.0	22D	3.0
Contact size	Ratings (A)															
8	33															
12	17															
16	10															
20	5.0															
22D	3.0															

CONNECTORS, ELECTRICAL, RECTANGULAR, MICROMINIATURE, REMOVABLE AND NON- REMOVABLE, GAUGE 26, PCB PIN CONTACT, BASED ON TYPE 8MCG				301F
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3401	SOURIAU CONNECTION TECHNOLOGY Marolles en Brie France	Qualification	CNES	Jun 2010
Detail ESCC		Remarks		
3401/081, 3401/082, 3401/083, 3401/084, 3401/088				
<p>Qualified range:</p> <p>3401/081: Shell variant 01 (glass-fibre reinforced thermoplastic), variant 02 (aluminium alloy).</p> <p>Contacts arrangements: 7, 13, 25, 51, 104 contacts. Contacts termination: OL3 (straight PCB), 1A7N (900 PCB 2.54mm spacing), 1B7N (900 PCB 2.54mm spacing). Gold-plated shells.</p> <p>3401/082: Shell variant 01 (glass-fibre reinforced thermoplastic), variant 02 (aluminium alloy).</p> <p>Contacts arrangements: 7, 13, 25, 51, 104 contacts.</p> <p>3401/083: Contacts variant 01 (male crimp barrel 26), 02 (female crimp barrel 26), 03 (male crimp barrel 24), 04 (female crimp barrel 24).</p> <p>Accepts wires AWG 24, 26, 28</p> <p>3401/084: Accessories variants 01 to 62.</p> <p>3401/088: Shell variant 01 (glass-fibre reinforced thermoplastic), variant 02 (aluminium alloy).</p> <p>Contacts arrangements: 7, 13, 25, 51, 104 contacts.</p> <p>Operating Temperature Range (°C): -55 to +125</p>				