








Types covered by similarity:		Remarks:			
Procurement Specifications		Manufacturer	Nature of Approval	Supervising Authority	Date
Generic ESCC 3401 Detail ESCC 3401/001 3401/022 3401/072		SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	Sep 1988
Characteristics: Complete range as defined in the Detail Specifications are qualified except for <ul style="list-style-type: none"> high density 104 contacts arrangement coaxial and power contacts and arrangement 			Extension	CNES	Apr 1991
Range of Connectors: 3401/001: variants 01 to 02			Extension	CNES	Jan 1994
Range of Contacts: Size 20 : 9, 15, 25, 37 and 50 contacts, Size 22: 15, 26, 44, 62, 78 contacts			Extension	CNES	Jul 1996
3401/022: variants 01 to 16 & 44 to 57 & 65 to 80 3401/072: variants 01 to 65			Extension	CNES	Oct 1997
Mounting Type= blank: standard mounting holes; Y: floating mount; E: captive nuts			Extension	CNES	Mar 2000
Gold-plated non-magnetic coating			Extension	CNES	Apr 2003
Operating Temperature Range (°C): -55 to +125			Extension	CNES	Mar 2006
			Extension	CNES	May 2008
			Extension	CNES	May 2010
		Extension	CNES	May 2012	
	CONNECTORS, ELECTRICAL, SOLDER AND WIRE WRAP CONTACTS, NON-REMOVABLE, RECTANGULAR RECEPTACLE AND PLUG, BASED ON TYPE D*M	Current Validity of Qualification		Page	
		Certificate	Valid Until	02-01	
		155 K	May 2014	001-2	


Types covered by similarity:		Remarks: .			
Procurement Specifications		Manufacturer	Nature of Approval	Supervising Authority	Date
Generic ESCC 3401 Detail ESCC 3401/002 3401/005 3401/020 3401/021 3401/022 3401/072		SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	Sep 1988
Characteristics: Complete range as defined in the Detail Specifications except high density 104 contacts arrangement are qualified Accessories variants qualified : 3401/022: variants 01 to 16, 44 to 57, 65 to 80 3401/072: variants 01 to 65 Range of Connectors:- 3401/002: variants 1 & 2 3401/005: variants 1 to 8 3401/021 & 22: variants 1 & 2 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 Gold-plated non-magnetic coating Operating Temperature Range (°C): -55 to +125			Extension	CNES	Apr 1991
*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)			Extension	CNES	Jan 1994
Connector Savers- For usage with connector range defined above		Extension	CNES	Jul 1996	Mar 2000
		Extension	CNES	Apr 2003	Apr 2003
		Extension	CNES	Mar 2006	Mar 2006
		Extension	CNES	May 2008	May 2008
		Extension	CNES	Jun 2010	Jun 2010
		Extension	CNES	May 2012	May 2012
	CONNECTORS AND CONNECTOR SAVER, ELECTRICAL, CRIMP CONTACTS, REMOVABLE RECTANGULAR RECEPTACLE AND PLUG,	Current Validity of Qualification		Page	
		Certificate	Valid Until	02-02	
		156 J	May 2014	001-2	

Types covered by similarity:		Remarks:																	
Procurement Specifications		Manufacturer	Nature of Approval	Supervising Authority	Date														
Generic ESCC 3401 Detail ESCC 3401/052 3401/058 3401/062		SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	May 1995														
Characteristics: All connector variants are qualified For 3401/058, variants 01 to 14 are qualified For 3401/062, variants 01 to 27 are qualified			Extension	CNES	Mar 1998														
Range: # 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 Other arrangements with contact sizes: 20, 16, 12, 8 Receptacle and Plug Shell Sizes: 09, 11, 13, 15, 17, 19, 21, 23, 25 Operating Temperature Range (°C): -65 to +200		<table border="1"> <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>	Contact Size	Ratings (A)	4	80	8	46.0	12	23.0	16	13.0	20	7.5	22	5.0	Extension	CNES	Mar 2001
Contact Size	Ratings (A)																		
4	80																		
8	46.0																		
12	23.0																		
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			Extension	CNES	Jun 2005														
			Extension	CNES	Mar 2008														
			Extension	CNES	Mar 2010														
			Extension	CNES	Mar 2012														
		CONNECTORS, ELECTRICAL, CIRCULAR, BAYONET COUPLING, SCOOP-PROOF, REMOVABLE CRIMP CONTACTS, BASED ON TYPE MIL-C-38999, SERIES I		Current Validity of Qualification															
				Certificate	Valid Until	Page													
				220 F	March 2014	02-02 005													

Types covered by similarity:		Remarks:													
Procurement Specifications		Manufacturer	Nature of Approval	Supervising Authority	Date										
Generic ESCC 3401 Detail ESCC 3401/044 3401/045 3401/062		SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	May 1995										
Characteristics: 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			Extension	CNES	Mar 1998										
Range: # 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		<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>	Contact Size	Ratings (A)	12	23.0	16	13.0	20	7.5	22	5.0	Extension	CNES	Jul 2001
Contact Size	Ratings (A)														
12	23.0														
16	13.0														
20	7.5														
22	5.0														
Other arrangements with contact sizes: 20, 16, 12 Receptacle and Plug Shell Sizes: 08, 10, 12, 14, 16, 18, 20, 22, 24 Operating Temperature Range (°C): -65 to +200			Extension	CNES	Jun 2005										
		CONNECTORS, ELECTRICAL, CIRCULAR, BAYONET COUPLING, REMOVABLE CRIMP CONTACTS, BASED ON TYPE MIL-C-38999, SERIES II	Extension	CNES	Mar 2008										
			Extension	CNES	CNES	Mar 2010									
			Extension	CNES	Mar 2012										
			Current Validity of Qualification		Page										
			Certificate	Valid Until	02-02										
			221 F	March 2014	006										

Types covered by similarity:				Remarks:																															
Procurement Specifications			Manufacturer		Nature of Approval	Supervising Authority	Date																												
Generic ESCC 3401 Detail ESCC 3401/056 3401/058 3401/062 3401/066 3401/070			SOURIAU Connection Technology Marolles en Brie France		Qualification Extension Extension Extension Extension Extension Extension	CNES CNES CNES CNES CNES CNES CNES	May 1995 Mar 1998 Jul 2001 Jun 2005 Mar 2008 Mar 2010 Mar 2012																												
Charac- 3401/056 all variants are qualified teristics: 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			<table border="1"> <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>16</td> <td>10.0</td> </tr> <tr> <td>8</td> <td>46.0</td> <td>20</td> <td>5.0</td> </tr> <tr> <td>12</td> <td>23.0</td> <td>22</td> <td>3.0</td> </tr> <tr> <td>16</td> <td>13.0</td> <td></td> <td></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>		Crimp Contact Size	Ratings (A)	PCB Contact Size	Ratings (A)	4	80.0	16	10.0	8	46.0	20	5.0	12	23.0	22	3.0	16	13.0			20	7.5			22	5.0			Extension CNES Mar 2012		
Crimp Contact Size	Ratings (A)	PCB Contact Size	Ratings (A)																																
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22	5.0																																		
Range: # 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)																																			
Other arrangements with contact sizes:# 20, 16, 12, 8,4 Receptacle and Plug Shell Sizes: 09, 11, 13, 15, 17, 19, 21, 23, 25. Triax contacts Operating Temperature Range (°C): -65 to +200																																			
 		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			Current Validity of Qualification		Page																												
					Certificate 222 F	Valid Until March 2014	02-02 007-1																												

Types covered by similarity:		Remarks:						
Procurement Specifications		Manufacturer	Nature of Approval	Supervising Authority	Date			
Generic ESCC 3401 Detail ESCC 3401/057		SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	May 1995			
			Requalification	CNES	Jul 2001			
			Extension	CNES	Jun 2005			
			Extension	CNES	Mar 2008			
			Extension	CNES	Mar 2010			
			Extension	CNES	Mar 2012			
Characteristics: All variants are qualified <table border="1"> <thead> <tr> <th>Contact Size</th> <th>Ratings (A)</th> </tr> </thead> <tbody> <tr> <td>8, 12, 16 20, 22D</td> <td>33, 17, 10 5.0, 3.0</td> </tr> </tbody> </table> Range: # 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) Receptacle Shell Sizes: 09, 11, 13, 15, 17, 19, 21, 23, 25 Receptacle (contacts # 8, 12, 16, 20, 22D) and Feedthrough (contacts # 8, 12, 16, 20, 22D) Operating Temperature Range (°C): -65 to +200		Contact Size	Ratings (A)	8, 12, 16 20, 22D	33, 17, 10 5.0, 3.0			
Contact Size	Ratings (A)							
8, 12, 16 20, 22D	33, 17, 10 5.0, 3.0							
	CONNECTORS, MINIATURE, ELECTRICAL, CIRCULAR, TRIPLE-START SELF-LOCKING COUPLING, SCOOP-PROOF, HERMETIC RECEPTABLE AND FEEDTHROUGH,	Current Validity of Qualification		Page				
		Certificate	Valid Until	02-02				
		223 E	March 2014	008				

Types covered by similarity:		Remarks:				
Procurement Specifications		Manufacturer	Nature of Approval	Supervising Authority	Date	
<p>Generic ESCC 3401</p> <p>Detail ESCC 3401/081 3401/082 3401/083 3401/084</p>		<p>SOURIAU Connection Technology Marolles en Brie France</p>	<p>Qualification Extension</p>	<p>CNES CNES</p>	<p>Jun 2010 Dec 2012</p>	
<p>Characteristics:</p> <p>3401/081: Shell variant 01 (glass-fibre reinforced thermoplastic), variant 02 (aluminium alloy). Contacts arrangements 7, 13, 25, 51, 104 contacts. Contacts termination OL3 (straight PCB), 1A7N (90° PCB 2.54mm spacing), 1B7N (90° PCB 2.54mm spacing). Gold-plated shells.</p> <p>3401/082: Shell variant 01 (glass-fibre reinforced thermoplastic), variant 02 (aluminium alloy). 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). Accepts wires AWG 24, 26, 28</p> <p>3401/084: Accessories variants 01 to 62.</p> <p>Operating Temperature Range (°C): -55 to +125</p>						
		<p>CONNECTORS, ELECTRICAL, RECTANGULAR, MICROMINIATURE, REMOVABLE AND NON-REMOVABLE, GAUGE 26, PCB PIN CONTACT, BASED ON TYPE 8MCG</p>		Current Validity of Qualification		Page
				Certificate	Valid Until	02-05
				301 A	June 2014	004-1