






Types covered by similarity:		Remarks: Maintenance of qualification testing is underway.				
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 Extension Extension Extension Extension Extension Extension Extension Extension Extension Extension	CNES CNES CNES CNES CNES CNES CNES CNES CNES CNES CNES	Sep 1988 Apr 1991 Jan 1994 Jul 1996 Oct 1997 Mar 2000 Apr 2003 Mar 2006 May 2008 May 2010	
Characteristics: Range of Contacts: Range of Contacts: Mounting Type= Gold-plated non-magnetic coating Operating Temperature Range (°C): -55 to +125		Complete range as defined in the Detail Specifications are qualified except for • high density 104 contacts arrangement • coaxial and power contacts and arrangement 3401/022: variants 01 to 16, 44 to 57, 65 to 80 3401/072: variants 01 to 65 Size 20: 9, 15, 25, 37 and 50 contacts. Size 22:15, 26, 44, 62, 78 contacts. blank: standard mounting holes Y: floating mount E: captive nuts				
		CONNECTORS, ELECTRICAL, SOLDER AND WIRE WRAP CONTACTS, NON-REMOVABLE, RECTANGULAR RECEPTACLE AND PLUG, BASED ON TYPE D*M		Current Validity of Qualification		Page
				Certificate 155 J	Valid Until May 2012	02-01 001-2


Types covered by similarity:			Remarks: Maintenance of qualification testing is underway.		
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
			Extension	CNES	Apr 1991
			Extension	CNES	Jan 1994
			Extension	CNES	Jul 1996
			Extension	CNES	Mar 2000
			Extension	CNES	Apr 2003
			Extension	CNES	Mar 2006
			Extension	CNES	May 2008
			Extension	CNES	Jun 2010
Characteristics: Complete range as defined in the Detail Specifications except high density 104 contacts arrangement are qualified 3401/022: variants 01 to 16, 44 to 57, 65 to 80 3401/072: variants 01 to 65					
Connectors:- *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 # 22, 24 and 26 (contact AWG # 22 for high density, contact arrangements, variants 07 and 08)					
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 Connector Savers- For usage with above connector range					
	CONNECTORS AND CONNECTOR SAVER, ELECTRICAL, CRIMP CONTACTS, REMOVABLE RECTANGULAR RECEPTACLE AND PLUG, BASED ON TYPE D*MA		Current Validity of Qualification		Page
			Certificate	Valid Until	02-02
			156 H	May 2012	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
					Extension	CNES	Mar 1998
					Extension	CNES	Jul 2001
					Extension	CNES	Jun 2005
					Extension	CNES	Mar 2008
					Extension	CNES	Mar 2010
					Extension	CNES	Mar 2012
Characteristics: All connector variants are qualified For 3401/058, variants 01 to 14 are qualified For 3401/062, variants 01 to 27 are qualified 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			Contact Size		Ratings (A)		
			4		80		
			8		46.0		
			12		23.0		
			16		13.0		
			20		7.5		
			22		5.0		

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										
<div>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</div> <table><tr><th>Contact Size</th><th>Ratings (A)</th></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></table> <div>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</div> <div>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</div>					Contact Size	Ratings (A)	12	23.0	16	13.0	20	7.5	22	5.0	Extension	CNES	Mar 1998
					Contact Size	Ratings (A)											
					12	23.0											
					16	13.0											
					20	7.5											
					22	5.0											
					Extension	CNES	Jul 2001										
					Extension	CNES	Jun 2005										
Extension	CNES	Mar 2008															
Extension	CNES	Mar 2010															
Extension	CNES	Mar 2012															
			CONNECTORS, ELECTRICAL, CIRCULAR, BAYONET COUPLING, REMOVABLE CRIMP CONTACTS, BASED ON TYPE MIL-C-38999, SERIES II		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	CNES	May 1995
						Extension	CNES	Mar 1998
						Extension	CNES	Jul 2001
						Extension	CNES	Jun 2005
						Extension	CNES	Mar 2008
						Extension	CNES	Mar 2010
						Extension	CNES	Mar 2012
Charac- teristics:	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			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			
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	Valid Until	02-02
						222 F	March 2014	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 Requalification Extension Extension Extension Extension	CNES CNES CNES CNES CNES CNES	May 1995 Jul 2001 Jun 2005 Mar 2008 Mar 2010 Mar 2012				
<div>Characteristics: All variants are qualified</div> <table><tr><td>Contact Size</td><td>Ratings (A)</td></tr><tr><td>8, 12, 16 20, 22D</td><td>33, 17, 10 5.0, 3.0</td></tr></table> <div>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)</div> <div>Receptacle Shell Sizes: 09, 11, 13, 15, 17, 19, 21, 23, 25</div> <div>Receptacle (contacts # 8, 12, 16, 20, 22D) and Feedthrough (contacts # 8, 12, 16, 20, 22D)</div> <div>Operating Temperature Range (°C): -65 to +200</div>						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								
<div></div>		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: Contact sizes 21, 31		Remarks: Maintenance of qualification testing is underway.			
Procurement Specifications		Manufacturer	Nature of Approval	Supervising Authority	Date
Generic ESCC 3401 Detail ESCC 3401/081 3401/082 3401/083 3401/084		SOURIAU Connection Technology Marolles en Brie France	Qualification	CNES	Jun 2010
Characteristics: 3401/081: Shell variant 01 (glass-fibre reinforced thermoplastic), variant 02 (aluminium alloy). Contacts arrangements 7, 25, 51, 104 contacts. Contact termination OL3 (straight PCB), 1A7N (90° PCB 2.54mm spacing), 1B7N (90° PCB 2.84mm spacing). 3401/082: Shell variant 01 (glass-fibre reinforced thermoplastic), variant 02 (aluminium alloy). Contacts arrangements 7, 25, 51, 104 contacts. 3401/083: Contact variant 01 (male crimp barrel 26), 02 (female crimp barrel), 03 (male crimp barrel 24), 04 (female crimp barrel 24). 3401/084: Accessory variants 01 to 62. Range of contacts: 7 - 25 - 51 - 104 Accepts wires AWG 24, 26, 28 Nickel or Gold Plated Shells Operating Temperature Range (°C): -55 to +125					
	CONNECTORS, ELECTRICAL, RECTANGULAR, MICROMINIATURE, REMOVABLE AND NON-REMOVABLE, GAUGE 26, PCB PIN CONTACT, BASED ON TYPE 8MCG		Current Validity of Qualification		Page
			Certificate	Valid Until	02-05
			301	June 2012	004-1