

6.1.5 Semiconductor

CAPACITORS, MICROWAVE, SILICON, NAKED DIE, MOS, BASED ON TYPES 101M, 201M, 400M AND 401M				286E																																					
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date																																					
Generic ESCC 5010 Detail ESCC 5711/002	COBHAM MICROWAVE Les Ulis France	Qualification	CNES	Dec 2008																																					
		Remarks:																																							
Qualified range:																																									
All variants defined by the ESCC Detail Specification																																									
<table><tr><th>Type</th><th>Capacitance Range (pF)</th><th>U_R(V)</th></tr><tr><td>400M106A & C</td><td>8.2, 10, 12, 15</td><td rowspan="5">40</td></tr><tr><td>400M10xA & 107C</td><td>18, 22, 27, 33, 39</td></tr><tr><td>400M108A & C</td><td>47, 56, 68</td></tr><tr><td>400M110A & C</td><td>81, 100</td></tr><tr><td>400M113J & 114J</td><td>10</td></tr><tr><td>101M106A & C</td><td>3.9, 4.7, 5.6, 6.8</td><td rowspan="3">100</td></tr><tr><td>101M10xA & 107C</td><td>10, 12, 15</td></tr><tr><td>101M108A & C</td><td>22, 27, 33, 39</td></tr><tr><td>201M106C</td><td>2.2, 2.7, 3.3</td><td rowspan="5">200</td></tr><tr><td>201M106A</td><td>0.1X (201M106C, -107C, -108C) + 210M106C</td></tr><tr><td>201M10xA & 107C</td><td>3.9, 4.7, 5.6, 6.8, 8.2</td></tr><tr><td>201M108A & C</td><td>10, 12, 15, 18</td></tr><tr><td>201M111J & 112J</td><td>0.25 & 0.4</td></tr><tr><td>401M111J</td><td>0.125</td><td rowspan="2">400</td></tr><tr><td>401M112J</td><td>0.2</td></tr></table>					Type	Capacitance Range (pF)	U _R (V)	400M106A & C	8.2, 10, 12, 15	40	400M10xA & 107C	18, 22, 27, 33, 39	400M108A & C	47, 56, 68	400M110A & C	81, 100	400M113J & 114J	10	101M106A & C	3.9, 4.7, 5.6, 6.8	100	101M10xA & 107C	10, 12, 15	101M108A & C	22, 27, 33, 39	201M106C	2.2, 2.7, 3.3	200	201M106A	0.1X (201M106C, -107C, -108C) + 210M106C	201M10xA & 107C	3.9, 4.7, 5.6, 6.8, 8.2	201M108A & C	10, 12, 15, 18	201M111J & 112J	0.25 & 0.4	401M111J	0.125	400	401M112J	0.2
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Operating Temperature Range, (°C): -55 to +150																																									

DIODES, MICROWAVE, SILICON, MULTIPLIER AND PIN, BASED ON TYPES DH 2XX, DH 50XXX and DH76XXX				225H																																																															
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Generic ESCC 5010 Detail ESCC	COBHAM MICROWAVE Villebon Sur Yvette France	Qualification	CNES	Jun 1995																																																															
		Remarks Certificate 259C has been merged with this certificate in February 2012. Certificate 273F has been merged with this certificate in September 2019.																																																																	
5513/031, 5513/032, 5513/033, 5513/034, 5513/036, 5513/037, 5513/038, 5512/016, 5512/023																																																																			
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6.3 RF PASSIVE (30)

6.3.1 Circulator and Isolator

ISOLATORS AND CIRCULATORS, LOW POWER, KA-BAND (22GHz—32 GHz), WITH NON-INTEGRAL SMA 2.9 COAXIAL CONNECTORS, BASED ON TYPES BK1XXX and BK3XXX				340A
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3202	Cobham Microwave Villebon-sur Yvette France	Qualification	CNES	Jun 2016
Detail ESCC 3202/026		Remarks		
Qualified range: Variants 01 and 02 are qualified				