

6.10.2 Fixed, Film

RESISTORS, FILM, FIXED, SURFACE MOUNT, NON-HERMETICALLY SEALED, BASED ON TYPE MS1				256M		
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date		
Generic ESCC 4001 Detail ESCC 4001/022	VISHAY Electronic GmbH Division Draloric Selb Germany	Qualification	DLR	Oct 1999		
Remarks						
Qualified range:						
Temperature coefficient, TCR ($10^{-6}/K$)	Tolerance (%)	Resistance Range R_n				Value Series
		Min		Max		
		Resistance (Ω)	Code	Resistance ($M\Omega$)	Code	
±50	±0.1	43.2	43R2	1	1004	E96
	±0.5	10	10R0	1	1004	E96
	±1	2.21	2R21	5.11	5114	E96
±25	±0.1	43.2	43R2	1	1004	E96
	±0.5	10	10R0	1	1004	E96
	±1	10	10R0	1	1004	E96
±15	±0.1	43.2	43R2	0.221	2213	E96
	±0.5	10	10R0	0.511	5113	E96
Critical R = 160 k Ω						
Operating Temperature Range ($^{\circ}C$): -55 to +125						

RESISTORS, FILM, FIXED, SURFACE MOUNT, NON-HERMETICALLY SEALED, BASED ON TYPE TNPS					289G																																									
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date																																										
Generic ESCC 4001 Detail ESCC 4001/029	VISHAY Electronic GmbH Division Draloric Selb Germany	Qualification	DLR	May 2009																																										
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<p>Qualified range:</p> <p>Variants 01, 02 and 03 are qualified</p> <table border="1" data-bbox="204 996 1295 1319"> <thead> <tr> <th rowspan="2">Variant Number</th> <th rowspan="2">Style (Note 1)</th> <th colspan="2">Resistance Range R_n</th> <th rowspan="2">Tolerance (\pm %)</th> <th rowspan="2">Value Series</th> <th rowspan="2">Temperature Coefficient TC ($\pm 10^{-6}/^{\circ}\text{C}$)</th> <th rowspan="2">Critical Resistance (kΩ)</th> <th rowspan="2">Weight max (g)</th> </tr> <tr> <th>Min (Ω)</th> <th>Max (MΩ)</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>0603</td> <td>10</td> <td>0.221</td> <td>0.1, 0.5, 1</td> <td>E96</td> <td>15, 25, 50</td> <td>56.25</td> <td>0.002</td> </tr> <tr> <td>02</td> <td>0805</td> <td>10</td> <td>0.422</td> <td>0.1, 0.5, 1</td> <td>E96</td> <td>15, 25, 50</td> <td>180</td> <td>0.006</td> </tr> <tr> <td>03</td> <td>1206</td> <td>10</td> <td>1</td> <td>0.1, 0.5, 1</td> <td>E96</td> <td>15, 25, 50</td> <td>160</td> <td>0.008</td> </tr> </tbody> </table> <p>Operating Temperature Range ($^{\circ}\text{C}$): -55 to +125</p>									Variant Number	Style (Note 1)	Resistance Range R_n		Tolerance (\pm %)	Value Series	Temperature Coefficient TC ($\pm 10^{-6}/^{\circ}\text{C}$)	Critical Resistance (k Ω)	Weight max (g)	Min (Ω)	Max (M Ω)	01	0603	10	0.221	0.1, 0.5, 1	E96	15, 25, 50	56.25	0.002	02	0805	10	0.422	0.1, 0.5, 1	E96	15, 25, 50	180	0.006	03	1206	10	1	0.1, 0.5, 1	E96	15, 25, 50	160	0.008
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