6.10.2 Fixed, Film

RESISTORS, FILM, FIXED, SURFACE MOUNT, NON-HERMETICALLY SEALED, BASED ON TYPE MS1				**256L**
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 (MΩ)*	*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 kΩ

Operating Temperature Range (°C): -55 to +125

RESISTORS, FILM, FIXED, SURFACE MOUNT, NON-HERMETICALLY SEALED, BASED ON TYPE TNPS	**289F**

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
		Remarks		

Qualified range:

Variants 01, 02 and 03 are qualified

Variant Number	Style (Note 1)	Resistance Range R_n		Tolerance (± %)	Value Series	Temperature Coefficient TC ($\pm 10^{-6}/°C$)	Critical Resistance (kΩ)	Weight max (g)
		Min (Ω)	Max (MΩ)					
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

Operating Temperature Range (°C): -55 to +125