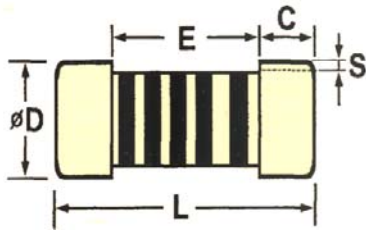


**SMD - MELF - WIDERSTÄNDE**  
**RÉSISTANCES - CMS - MELF**  
**RESISTORI IN SMD - MELF**  
**SMD - MELF - RESISTORS**



**MFMR = METALFILM – MELF - RESISTORS**

**CFMR = CARBONFILM - MELF – RESISTORS**

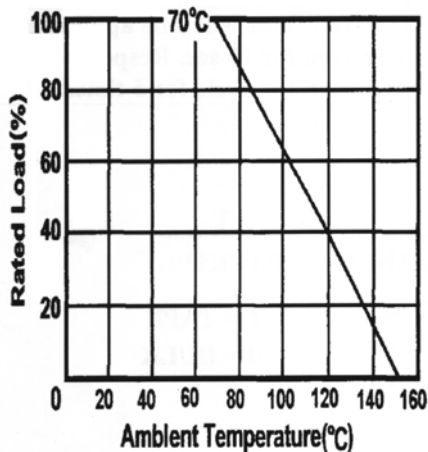
**MOMR = METALOXID – MELF – RESISTORS**

**RoHS compliant**

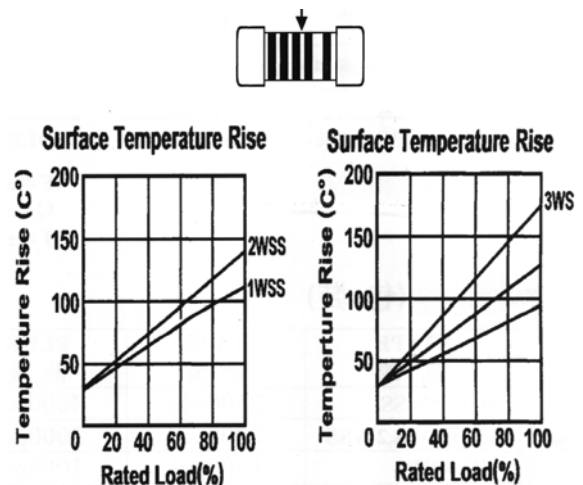
Specifications Power Rating / Temp.-Coeff.		Dimension ( mm )					Working Voltage	Overload Voltage	Withst. Voltage			Reel
P @ 70°C	Tol.	L	C	D	E	S	V max.	V max.	Vac	Ω	E	pcs./Reel <b>** Bulk</b>
T. C. R. ppm / °C 25°C ... 125°C	F = 1.00% G = 2.00% J = 5.00%	±	±	±	±	±						
	Type	±	±	±	±	±						
		0.3	0.3	0.3	0.3	0.3						
1 W / 100 ppm	<b>MFMR 100 F</b>	6.5	1.8	2.7	2.9	0.3	500	1000	500	10 ... 1 M Ω	E-96	2 500
2 W / 100 ppm	<b>MFMR 200 F</b>	9.5	2.2	3.6	4.8	0.4	500	1000	500	10 ... 1 M Ω	E-96	2 000
3 W / 100 ppm	<b>MFMR 300 F</b>	15.2	2.6	5.3	10.0	0.5	500	1000	500	10 ... 1 M Ω	E-96	<b>**500</b>
	G = 2.00% J = 5.00%	±	±	±	±	±						
	Type	±	±	±	±	±						
		0.3	0.3	0.3	0.3	0.3						
1 W / 100 ppm	<b>CFMR 100 J</b>	6.5	1.8	2.7	2.9	0.3	500	1000	500	1 ... 100 k Ω	E-24	2 500
2 W / 100 ppm	<b>CFMR 200 J</b>	9.5	2.2	3.6	4.8	0.4	500	1000	500	1 ... 100 k Ω	E-24	2 000
3 W / 100 ppm	<b>CFMR 300 J</b>	15.2	2.6	5.3	10.0	0.5	500	1000	500	1 ... 100 k Ω	E-24	<b>** 500</b>
		±	±	±	±	±						
		0.3	0.3	0.3	0.3	0.3						
1 W / 350 ppm	<b>MOMR 100 J</b>	6.5	1.8	2.7	2.9	0.3	250	600	500	0.5 ... 82 k Ω	E-24	2 500
2 W / 350 ppm	<b>MOMR 200 J</b>	9.5	2.2	3.6	4.8	0.4	400	700	500	0.5 ... 100 k Ω	E-24	2 000
3 W / 350 ppm	<b>MOMR 300 J</b>	15.2	2.6	5.3	10.0	0.5	500	800	500	0.5 ... 120 k Ω	E-24	<b>** 500</b>

**METALFILM – MELF - RESISTORS**

**DERATING CURVE**

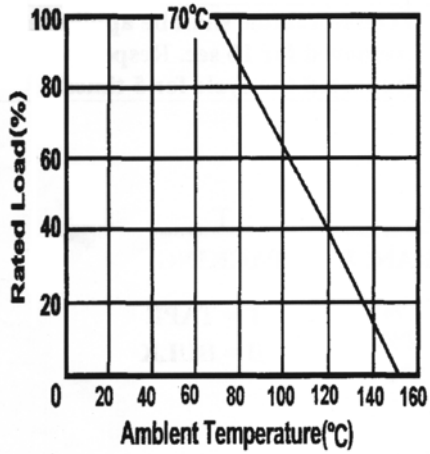


**MEASURING POINT**

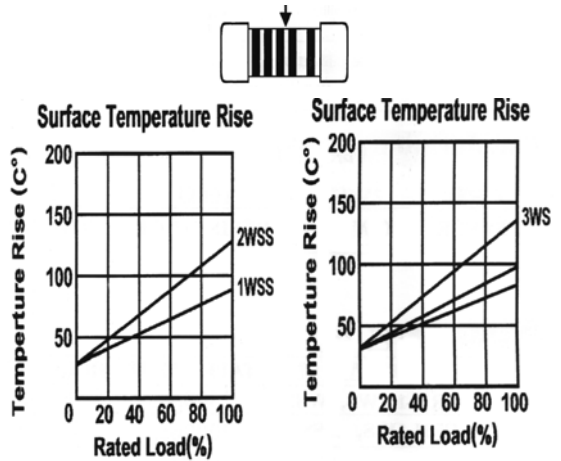


## CARBON – FILM - RESISTORS

**DERATING CURVE**

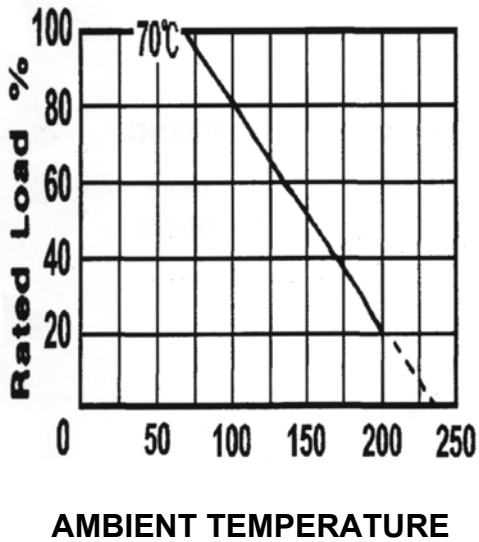


**MEASURING POINT**



## METAL – OXYDE – FILM - RESISTORS

**DERATING - CURVE**



**MEASURING - POINT**

