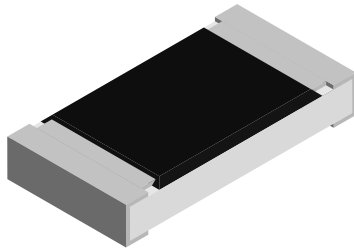


**Thin Film Chip Resistors**  
**Military/Established Reliability**  
**MIL-PRF-55342/7 Qualified, Type RM, Precision**



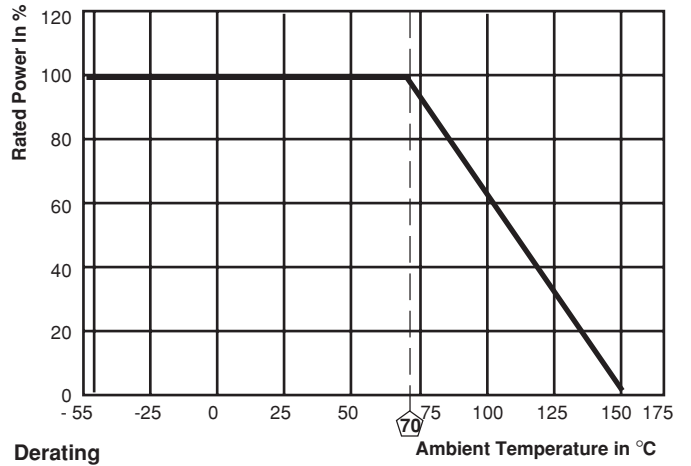
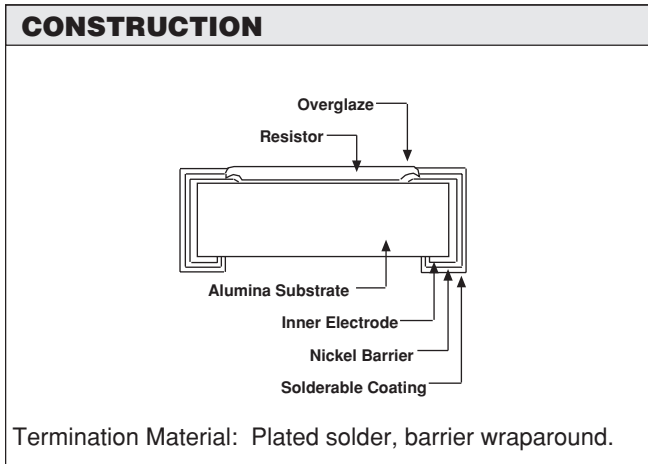
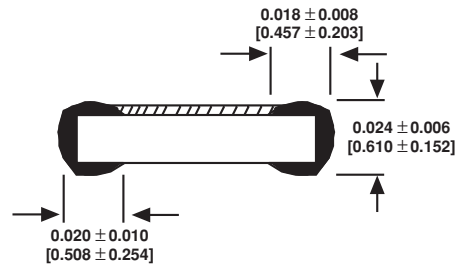
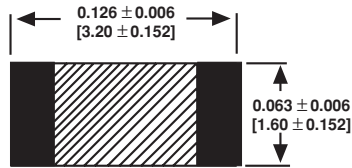
**FEATURES**

- Internationally standardized size and meets requirements of MIL-PRF-55342
- Established Reliability - Verified failure rate (contact factory)
- Operating temperature range is - 55°C to + 150°C
- 8mm reel, tray or bulk packaging
- Flow solderable
- 100% screen tested
- Thin film resistance element and wraparound termination
- Inner electrode protection
- Automatic placement compatibility
- Value marking available

<b>STANDARD ELECTRICAL SPECIFICATIONS</b>							
VISHAY DALE MODEL	MIL-PRF-55342 TYPE	MILITARY SHEET NUMBER	CHARACTERISTIC	RESISTANCE RANGE Ω	TOLERANCE %	POWER RATING P <sub>70°C</sub> W	OPERATING VOLTAGE V MAX
TNPWM-1206	RM1206	07	H	49.9-1M	± 1, ± 2, ± 5	0.125	100
			E, H	49.9-1M	± 1, ± 2		
			E, H	100-1M	± 0.1, ± 1, ± 2		

<b>ORDERING INFORMATION - MILITARY PART NUMBER</b>					
<b>D55342</b> MIL. SPEC. NO INDICATING MIL-PRF-55342	<b>E</b> CHARACTERISTIC E = ± 25ppm/°C H = ± 50ppm/°C	<b>07</b> MIL. SPEC. SHEET NUMBER (TYPE) 07 = RM1206	<b>B</b> TERMINATION MATERIAL B = Pretinned Nickel Barrier Wraparound	<b>1B00</b> RESISTANCE AND TOLERANCE See Examples on next page	<b>R</b> LIFE FAILURE RATE M = 1.0%/1,000 hours P = 0.1%/1,000 hours R = .01%/1,000 hours

**DIMENSIONS** in inches [millimeters]



CODE LETTERS FOR TOLERANCE AND MULTIPLIER					
± 0.1%	± 1%	± 2%	± 5%	MULTIPLIER	VALUE
A	D	G	J	1	1 - 9xx
B	E	H	K	1,000	1K - 9xxK
C	F	T	L	1,000,000	1M - 9xxM

<b>Examples:</b>	49D9 = 49.9Ω ± 1%	75G0 = 75Ω ± 2%	68J0 = 68Ω ± 5%
102A = 102Ω ± 0.1%	10E0 = 10kΩ ± 1%	10H0 = 10kΩ ± 2%	10K0 = 10kΩ ± 5%
1B00 = 1kΩ ± 0.1%	332D = 332Ω ± 1%	33H0 = 33kΩ ± 2%	560K = 560kΩ ± 5%
100B = 100kΩ ± 0.1%			