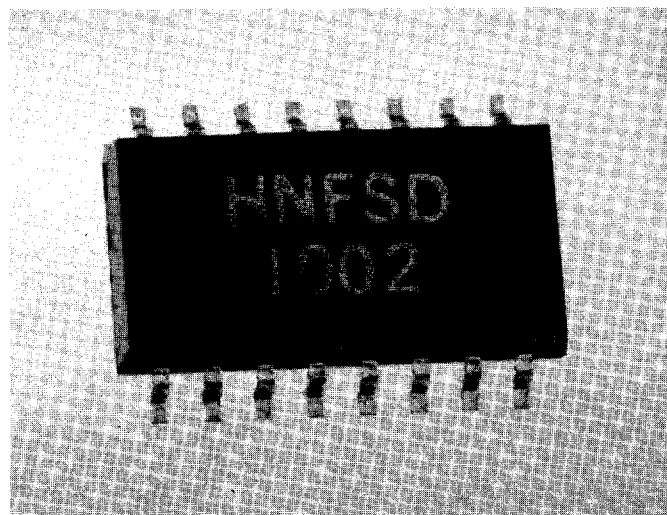


SOP THIN FILM RESISTOR NETWORK

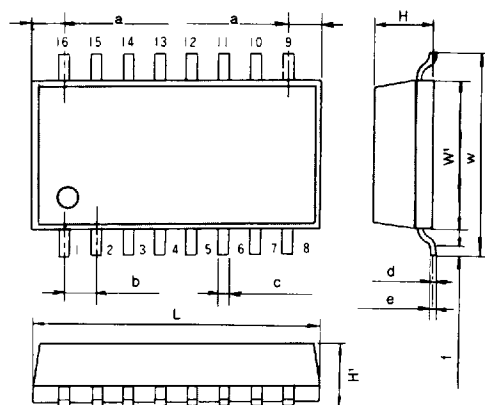
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SOP THIN FILM RESISTOR NETWORK

- .050" (1.27mm) Lead Space
- UL94V - 0 Molded Epoxy Case
- Operating Voltage Up To 50V
- .087" (2.2mm) Maximum Seated Height
- Available Tape/Reel & Magazine Packaging

DIMENSIONS



L	H ¹	H	W ¹	w
0.433 ± 0.012	0.087 max.	0.079 max.	0.224 max.	0.303 ± 0.012
11.0 ± 0.3	2.2 max.	2.0 max.	5.7 max.	7.7 ± 0.3

a	b	c	d	e	f
0.049 max.	0.050 ± 0.005	0.016 ± 0.002	0.004 min.	0.006 ± 0.002	0.012 ± 0.002
1.25 max.	1.27 ± 0.12	0.40 ± 0.05	0.10 min.	0.15 ± 0.05	0.30 ± 0.05

• CONTROLLING DIMENSION IN MILLIMETERS

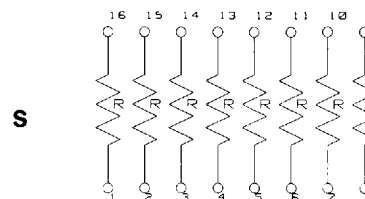
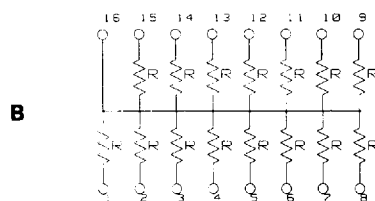
STANDARD APPLICATIONS

PART DESIGNATION	CIRCUIT	POWER RATING @ 70°C	AVAILABLE TCR ppm / °C	RESISTANCE RANGE E-24, E-96	AVAILABLE RESISTANCE TOLERANCE	MAXIMUM WORKING VOLTAGE	OPERATING TEMPERATURE RANGE
HN16	B	31.25mw / element 470 mw / package	>10KΩ: T(10) >1KΩ: E(25)	100Ω ~ 49.9KΩ	>10KΩ: B(±0.1%) >1KΩ: C(±0.25%)	50V	-55°C ↕ +125°C
HN16	S	62.5mw / element 500 mw / package	ALL: C(50) ALL: D(100)	100Ω ~ 100KΩ	ALL: D(±0.5%) ALL: F(±1.0%)		

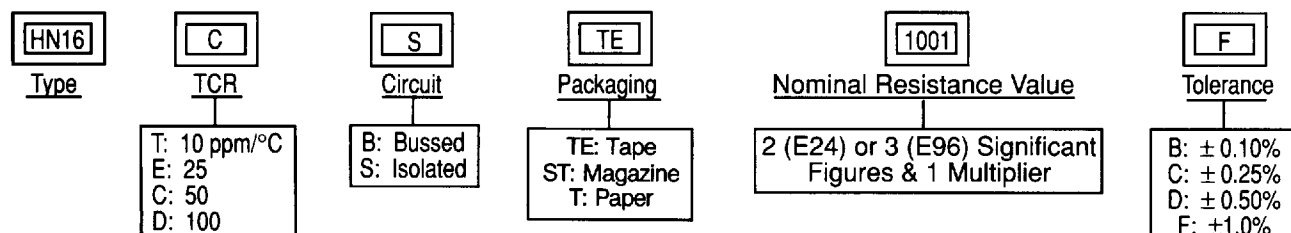
SOP THIN FILM RESISTOR NETWORK

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CIRCUIT CONFIGURATIONS



ORDERING & SPECIFYING INFORMATION



ENVIRONMENTAL SPECIFICATIONS

PARAMETER	MAXIMUM ΔR	TEST METHOD
Short - Time Overload	$\pm (0.25\% + 0.05\Omega)$	MIL - R - 83401 B, π 3, 14 2.5 x RCWV, 5 seconds
Thermal Shock	$\pm (0.25\% + 0.05\Omega)$	MIL - STD - 202F, method 107D -55°C ~ +125°C, 5 cycles
Resistance to Soldering Heat	$\pm (0.35\% + 0.05\Omega)$	MIL - STD - 202F, method 210A condition B
Terminal Strength - Pull/Bend	$\pm (0.50\% + 0.05\Omega)$	MIL - STD - 202F, method 211A condition A/B
Load Life	$\pm (0.50\% + 0.05\Omega)$	MIL - STD - 202F, method 108A 70°C, RCWV 1 1/2 hour ON, 1/2 hour OFF; 1000 Hours
Elevated Temperature Life	$\pm 1.5\%$	1000 hours at 125°C
Moisture Resistance	$\pm (0.75\% + 0.05\Omega)$	MIL - STD - 202F, method 103B 40°C / 95% RH, RCWV; 1000 hours
LIMITS		
Lead Solderability	95% Minimum	MIL - STD - 202F, method 208D
Insulation Resistance	10,000 Meg ohm, minimum	MIL - STD - 202F, method 302
Dielectric Withstanding Voltage	500 Volts / 1 minute, minimum	MIL - STD - 202F, method 301