

Thick Film Resistor Networks



Surface Mount

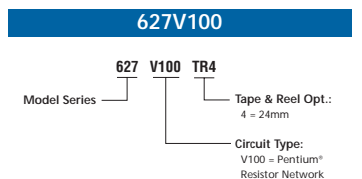
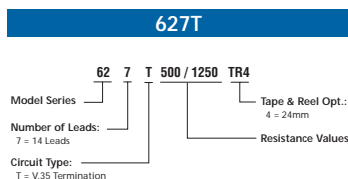
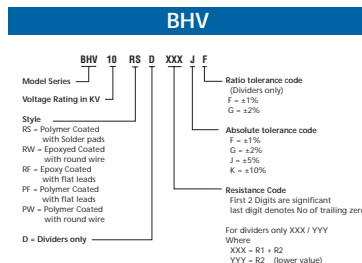
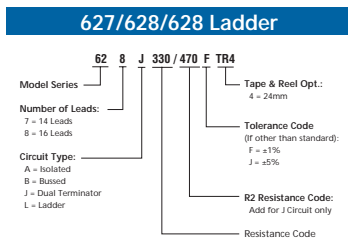
Through-Hole

High Voltage Precision Divider, High Voltage

Model	627/628	628 Ladder	627T/V	L/M/BH	BHV
Number of Leads	14/16	16	14	4 to 14	2/3
Dimensions, Inches					
Body Length, Maximum	0.395/0.445	0.445	0.395	0.1 x no. of leads	0.953 to 2.35
Height Off Board, Maximum	0.090	0.090	0.090	0.195	0.4 to 0.606
Body Style/Width (Thickness)	(SO-M) 0.220	(SO-M) 0.220	(SO-M) 0.220	0.095	0.100
Resistance					
Range, Ohms	10 to 1 Meg	1K to 100K	50 to 142	22 to 1 Meg	1 Giga, Max.
Tolerance (%)	±2 (±5 for J Circuits)	±2	±2	±2 (±1 Optional)	±1, ±5, ±10
Operating Temperature Range °C	-55/125	-55/125	-55/125		
Temp. Coefficient, ppm/°C	±100 (Below 100R, 250)	±100	±250	±100 (< 100w = ±250)	±150 (±100 Divider)
Temp. Coefficient Tracking, ppm/°C	±50		±50	±50	±50
Ladder Accuracy		8 Bit: 1/2 LSB			
Power Rating, Watts at 70°C					
Resistor Power	Schematic A: 0.32 Schematics B & J: 0.16	0.04	0.250	0.125 Bussed 0.200 Isolated	0.8 to 3.0
Package Power	1.28	0.64 W/Pkg.	1.28		
Operating Voltage					30kV (2kV for Precision Divider)
Voltage Coefficient (ppm/V)					2 Max
Packaging Options					
Tubes	50	50	50		
Tape & Reel: 7"					
Tape & Reel: 13"	2000	2000	2000		

Specification subject to change without notice.
 Contact factory for custom products
 Also available: 627/628 Jumpers

Ordering Information



Schematics

