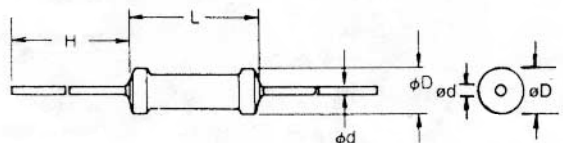




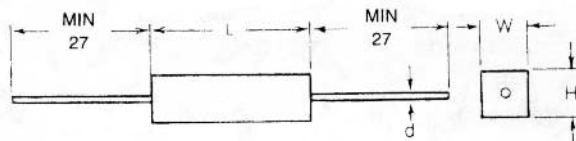
LEADFREE
RoHS Compliant

FUSIBLE WIRE WOUND TYPE FKN, FSQ SERIES

FKN



FSQ

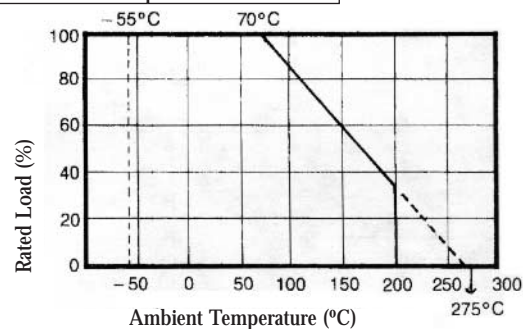


General Specifications

	Power Rating	Dimensions (mm)						Resistance Range	Dielectric Withstanding Voltage
		L±1.5	D±1	h±0.5	W±0.5	H(MIN)	d±0.05		
FKN	1W	9	4.5			25	0.65	0.1 -72	500V
	2W	11	5.0			27	0.8	0.1 -60	500V
	3W	13	5.5			27	0.8	0.1 -100	500V
	4W	17	6.5			27	0.8	0.2 -200	500V
	5W	19	6.5			27	0.8	0.3 -250	500V
FSQ	2W	18		7	7	27	0.65	0.1 -22	1000V
	3W	22		8	8	27	0.8	0.1 -120	1000V
	5W	22		9	10	27	0.8	0.2 -120	1000V
	7W	35		9	10	27	0.8	0.3 -250	1000V
	10W	48		9	10	27	0.8	0.3 -500	1000V

Characteristics	Condition	Spec.
Operating Temperature	-55°C ~ 275°C	
Resistance Temp. coefficient	-30°C ~ 150°C	±300 ppm/°C
Short-time Overload	2.5 times of rated voltage for 5 seconds	±2%
Insulation Resistance	500V megger	1,000 M
Temp. cycle	-30°C ~ 85°C for 5 cycles	±1%
Load Life	70°C on-off cycle 1,000 hrs.	±5%
Moisture-proof Load Life	40°C 95% RH on-off cycle 1,000 hrs.	±5%
Solder Pot	270°C for 3 seconds	±1%
Incombustibility	16 times of rated wattage for 5 min.	not flamed

* Total resistance change: (°R%+0.05)



FUSING CHARACTERISTICS

POWER	FUSING TIME
	MAX
16 × Wattage	1 Min.
20	40 Sec.
24	30 Sec.
28	20 Sec.
32	15 Sec.

Part Numbering system

FKN

1

5%

OR24

TR

Type
FKN
FSQ

Rated Power
1W
↓
10W

Resistance tolerance
±5%
±2%

Nominal Resistance		
Code	Description	
OR24	.24	OHms
OR1	0.1	OHms
2R2	2.2	OHms
22R	22	OHms
250R	250	OHms

Packaging	
Code	Description
B	Bulk
TR	Tape & Reel
PATR	Avisert T/R
PNTR	Panasert T/R