

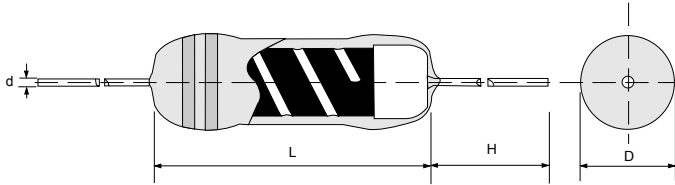
FGE26C

Fusible Resistor Constant Current

Quality • Reliability
Cost-Down via Technology

Specifications Per

• IEC 115-1 115-4



Features

- Works as a resistor in normal operation.
- Quick fusing within 60 sec. in case of excessive current.
- Constant current fusing type.
- Fuses at low magnification of power rating (5 or 10 times).
- Flameproof Multi-layer Coating Meets UL-94V-0
- Flameproof Feature Meets Overload Test UL-1412
- Special Tin Plated Electrolytic Copper Lead Wire
- **RoHS / REACH Compliant**

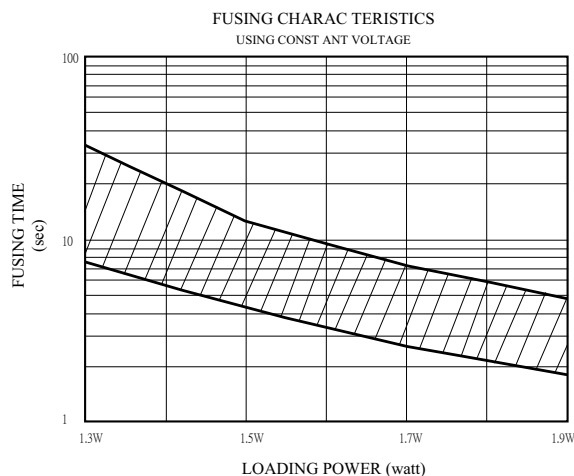
■ DIMENSIONS

Type	Body Length (L , mm)	Body Diameter (D , mm)	Lead Wire Length (H , mm)	Lead Wire Diameter (d , mm)	Net Weight Per 1000Pcs
FGE26C	6.5 ± 0.5	2.4 ± 0.2	26 ± 3	0.55 ± 0.03	220 grams

■ GENERAL SPECIFICATIONS

Type	Power Rating (at 70°C)	Max. Working Voltage	Resistance Range Min.	Resistance Range Max.	Resistance Tolerance	Standard Resistance Values
FGE26C	1/4W	250V	0.1Ω	0.91Ω	±5%~10%	E-24/E-12

Other resistance values and higher wattages available on request.



TECHNICAL SUMMARY

Characteristics	Limits
Dielectric Withstanding Voltage, VAC or DC	250
Temperature Coefficient, PPM / °C	+2800 max.
Operating Temperature Range, °C	-55~+155
Insulation Resistance, MΩ	10 ⁴
Voltage Coefficient, PPM / V	25

PERFORMANCE SPECIFICATIONS

Test Characteristics	Test Conditions	Limits
Load Life In Humidity	IEC 60115-1 4.24 56 days at 40°C and 93% relative humidity	±5%
Load Life 1,000 hours	IEC 60115-1 4.25.1 Rated load 1.5 hours ON, 0.5 hours OFF, at 70°C	±5%
Resistance To Soldering Heat	IEC 60115-1 4.18 10 seconds at 260°C solder bath temperature	±1%
Solderability	MIL-STD-202 Method 208 Solder area covered after 230±5°C/5±0.5 seconds w/ flux applied	95% Min.
Vibration	MIL-STD-202 Method 204 Six hours in each parallel and axial direction w/ a simple harmonic motion having an amplitude of 1.52mm and 10 to 20,000 Hz.	±1%
Terminal Endurance	IEC 60115-1 4.25.3 1000 hours at 155°C without load	±1%
Thermal Shock	IEC 60115-1 4.19 -55°C 30minutes, +155°C 30minutes, 5 cycles	±1%

ORDERING INFORMATION

Type	Tolerance	Resistance Value	Packaging	Special Request (Optional)
FGE26C	J (5%) K (10%)	R82	TB (Tape/Box)	AS (Anti-surge)