

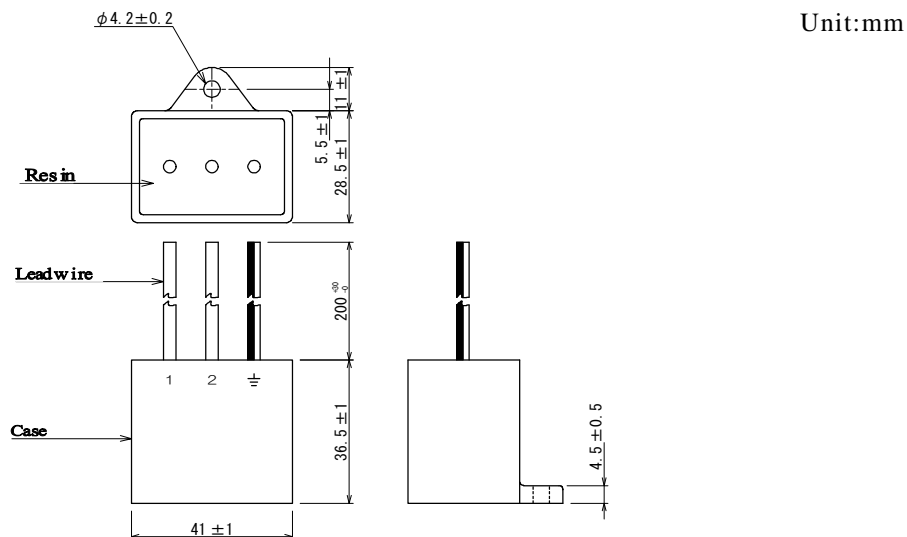
2016-02-17  
RS-1375  
First Edition

# SPECIFICATION

## RGF10-152-Q4

- 1.Customer Outdoor lighting applications
- 2.Application Surge protective device connected to low-voltage power distribution systems
- 3.Rating voltage AC250 V 50/60 Hz
- 4.Construction Combination type SPD, a SPD that incorporates both voltage switching type components and voltage limiting type components.

5.Outline dimension



6.Electrical characteristics

	1,2- $\perp$	1-2
1)Maximum line voltage (Vrms) .....	————	300 V
2)DC breakdown voltage (Ez) .....	1200 V $\pm$ 30 %	————
R=1 M $\Omega$ 500 V/s		
3)Varistor voltage (V1.0mA) .....	————	470 V $\pm$ 10 %
4)Nominal discharge current (In) .....	5 kA	5 kA
Waveform 8/20 $\mu$ s		
5)Residual voltage (Ures) .....	1.5 kV Max	1.5 kV Max
Waveform 8/20 $\mu$ s		
6)Voltage protection level (Up) .....	1.5 kV	1.5 kV
7)Maximum discharge current (Imax).....	10 kA	10 kA
Waveform 8/20 $\mu$ s		
8)Impulse life test .....	About 500 times	
Waveform 8/20 $\mu$ s, 1000 A		
9)Withstanding impulse voltage (Vm) .....	20 kV	20 kV
Waveform 1.2/50 $\mu$ s		

	DRAWN	APPROVED	APPROVED
			
OKAYA ELECTRIC INDUSTRIES CO., LTD			

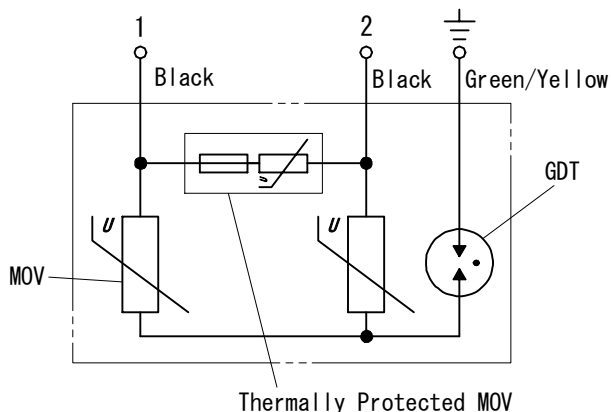
2016-02-17
RS-1375
First Edition

# SPECIFICATION

## RGF10-152-Q4

7. Operating condition and storage condition : -40 °C to +70 °C

8. Circuit diagram



Flexible wires in black color can connect to each phase without any specific control.

9. Features

- 1) Weight ..... About 85 g
- 2) Material ..... Case : PBT UL94 V-0 Black  
 Resin : Urethane resin Black  
 Lead wire : UL1015 AWG#16 VW-1 Black, Green/Yellow

3) Marking

1                      2                      ⊕  
 SURGE PROTECTIVE DEVICE  
 RGF10-152-Q4  
 AC250V 50/60Hz  
 Type4 CA  
 In=5kA/Imax=10kA  
 Ⓞ OKAYA JAPAN  
 Lot No.  
 Applying

10. This product is RoHS Directive(2011/65/EU)\* compliant.

\*Except for (EU)2015/863

Remarks : This specification is subject to change without prior notice,  
for improvement purpose.