

Data Sheet for Neon Bracket

Item : BN-0652, BN-0751, BN-0752, BN-0753 & BN-1063

Submitted Samples are

BN-0652, BN-0751, BN-0752 & BN-1063 in Red, Clear & Green

BN-0753 in Green only (Red = B/N 726915 & Clear = B/N 726940)

Drawings with dimensions : As per attached sheet

General Specifications

1. Rated Voltage : AC 230V
2. Rated Current : 1.5mA \pm 0.3mA
3. Insulation Resistance : More than 100M Ω at DC 500V
4. Dielectric Voltage : AC 1000V 1 Minute
5. Operation Temperature : -20 $^{\circ}$ C ~ +75 $^{\circ}$ C
6. Rated Life Average : 20,000Hrs
7. Starting Voltage : 65V Max.
8. Nut Torque : 0.3Nm

Environmental Test (should be No Failure after the following test)

9. High Temperature Storage Test : 24Hrs. / Ta = +80 $^{\circ}$ C
10. Low Temperature Storage Test : 24Hrs. / Ta = -25 $^{\circ}$ C
11. Temperature Cycle Test : 5 cycles / +15 $^{\circ}$ C(10 min.) ~ +80 $^{\circ}$ C(30 min.) ~ +15 $^{\circ}$ C(10 min.) ~ -25 $^{\circ}$ C(30 min.)
12. Drop Test : 3 times / H=1m, Drop on wooden board
13. Vibration Test : 30 Minutes in total / 10Hz ~ 55Hz ~ 10Hz (width 1mm) 1 Minute per cycle
14. Lead Pull Test : 1 Minute / Loading Weight 2 kgf
15. Storage Test : 3 Years / 20 $^{\circ}$ C \pm 15 $^{\circ}$ C 60% \pm 20%RH

Materials of Parts

NAME	MATERIALS
Body (1)	Chrome Plated Brass with Polycarbonate Lens <u>for BN-0652, BN-0751 & BN-0753</u>
Body (2)	Polycarbonate <u>for BN-0753 & BN-1063</u>
Spring Washer	SWP
Hex. Nut	BSBM2
Neon Lamp	NE-38BH
Protecting Resistor	1/4W 120k Ω for AC 230V
Insulation Tube	UL AH-AWG#18
Terminal (1)	Lead Wires (UL1007/24) <u>for BN-0652</u>
Terminal (2)	Solder Terminals (BSP) <u>for BN-0751, BN-0752, BN-0753 & BN-1063</u>