

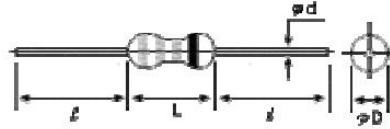
## BL 브리드 저항기 BLEED RESISTORS

### FEATURES

- Provide high stable performance against environmental conditions and over load voltage.
- Wide resistance range is available, i.e. 1M ohm to 1G ohm.



### 치수 DIMENSIONS



형 명 Type	치수 Dimensions [mm]			
	L max	D max	d±0.02	l±3
BL 40	14	4.0	0.7	26
BL 50	16	4.0	0.7	26
BL 68	16	5.5	0.8	32

### 일반규격 GENERAL SPECIFICATIONS

형 명 Type	정격전력 Rated Wattage	최고사용전압 Max. Working Voltage	절연저항 Insulation Resistance (V-block method)	서지테스트 Surge Test	저항치범위 Resistance Range	저항치허용차 Resistance Tolerance
BL 40	0.5W	8,000V	Min.10MΩ (700±50V DC during 1min.)	R>1MΩ : 10kV/10Nf (2.5sec on/off 50cycle)	1M ~ 1,000MΩ	±1.0(F) ±2.0(G) ±5.0(J) ±10(K) ±20(M)
BL 50	1W	10,000V	Min.10MΩ (1000±50V DC during 1min.)			
BL 68	2W	13,000V	Min.10MΩ (1000±50V DC during 1min.)			

### 특성 CHARACTERISTICS

Test	Conditions & Test method	
1. 사용온도범위 Operating Temp. Range	-55°C~+155°C	
2. 온도계수 Temperature coefficient	200ppm/°C Maximum	
3. 납땜성 Solder ability	95%	Solder ability: 2sec 235±5°C. flux 600
4. 단시간과부하 Short Time Overload	±[2.0% + 0.05Ω]	Rated voltage×2.5, 5sec on, 45sec off, 10cycle
5. 내구성 Load Life	±[8.0% + 0.05Ω]	70±3°C 0.5hrs.-on, 0.5hrs -off, 1000hrs
6. 내습성 Moisture Resistance	±[3.0% + 0.05Ω]	40°C, 95%RH, 0.1×wattage rating, 1.5hrs.-on, 30min-off, 500hrs
7. 비틀림 Torsion	No Damage	2.5kgf, remains 5~10sec
8. 열충격 Thermal Shock	±[1.0% + 0.05Ω]	30min -55°C, 30min +155°C 5cycle
9. 내진성 Vibration	±[1.0% + 0.05Ω]	10~55Hz Displacement 1.5mm or acceleration 10g Three direction: total 6h (2×3h)

### 서지테스트 SURGE TEST

\*Ten discharges from a 10nF capacitor charged to Vmax: 12 discharges/min.  
\*No evidence of flash over, mechanical damage, arcing or insulation breakdown.

### 주문방법 HOW TO ORDER

<u>BL50</u>	<u>1W</u>	<u>10MΩ</u>	<u>J</u>	<u>TP</u>
1	2	3	4	5

- 형명 Type
- 정격전력 Rated Wattage
- 저항치 Resistance
- 허용오차 Tolerance
- 2 차가공 (TP= Taping & BK= Bulk)