



Part Numbering

Ushio Inc. (Ushio) defines part number as follows.

Example: HL6354MG-A

HL 63 54 MG -A
(a) (b) (c) (d) (e)

- (a) HL: Ushio Laser Diode
 - (b) 63: Wavelength: (first 2-number of wavelength)
-40: 400nm, 63: 635nm, 65: 655~660nm, 67: 670~680nm,
70: 705nm, 73: 730nm, 83: 830nm (or 850nm)
 - (c) 54: Serial Number
 - (d) MG: Package Type (CAN package) Please refer to Fig2.
- HD: $\phi 9.0\text{mm}$, G: $\phi 9.0\text{mm}$, MG: $\phi 5.6\text{mm}$ (short can) , DG: $\phi 5.6\text{mm}$ (tall can),
TG: $\phi 3.8\text{mm}$
 - (e) -A: RoHS compliant*
-A: RoHS compliant, <(Non; without -A): No RoHS compliant>
- * All of current available Ushio products are RoHS compliant.

Example: HL63101MG

HL 63 10 1 MG
(a) (b) (c) (d) (e)

- (a) HL: Ushio Laser Diode
 - (b) 63: Wavelength: (first 2-number of wavelength)
- 40: 404nm, 63: 635nm, 65: 655~660nm, 67: 670~680nm,
70: 705nm, 73: 730nm, 83: 830nm (or 850nm)
 - (c) 10: Serial Number
 - (d) 1 : Internal Circuit. Please refer to Fig1.
 - (e) MG: Package Type (CAN package) Please refer to Fig2.
- HD: $\phi 9.0\text{mm}$, G: $\phi 9.0\text{mm}$, MG: $\phi 5.6\text{mm}$ (short can) , DG: $\phi 5.6\text{mm}$ (tall can),
TG: $\phi 3.8\text{mm}$
- * All products with new numbering are RoHS compliant.
(Therefore, No "-A".)

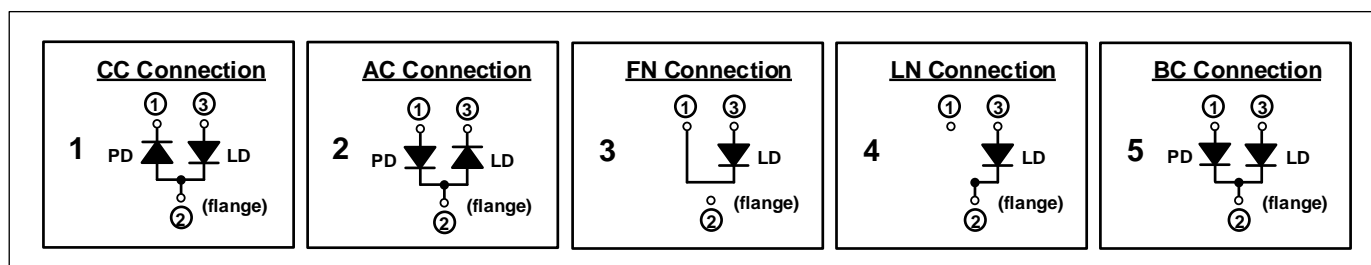


Figure 1 Number of Internal Circuit

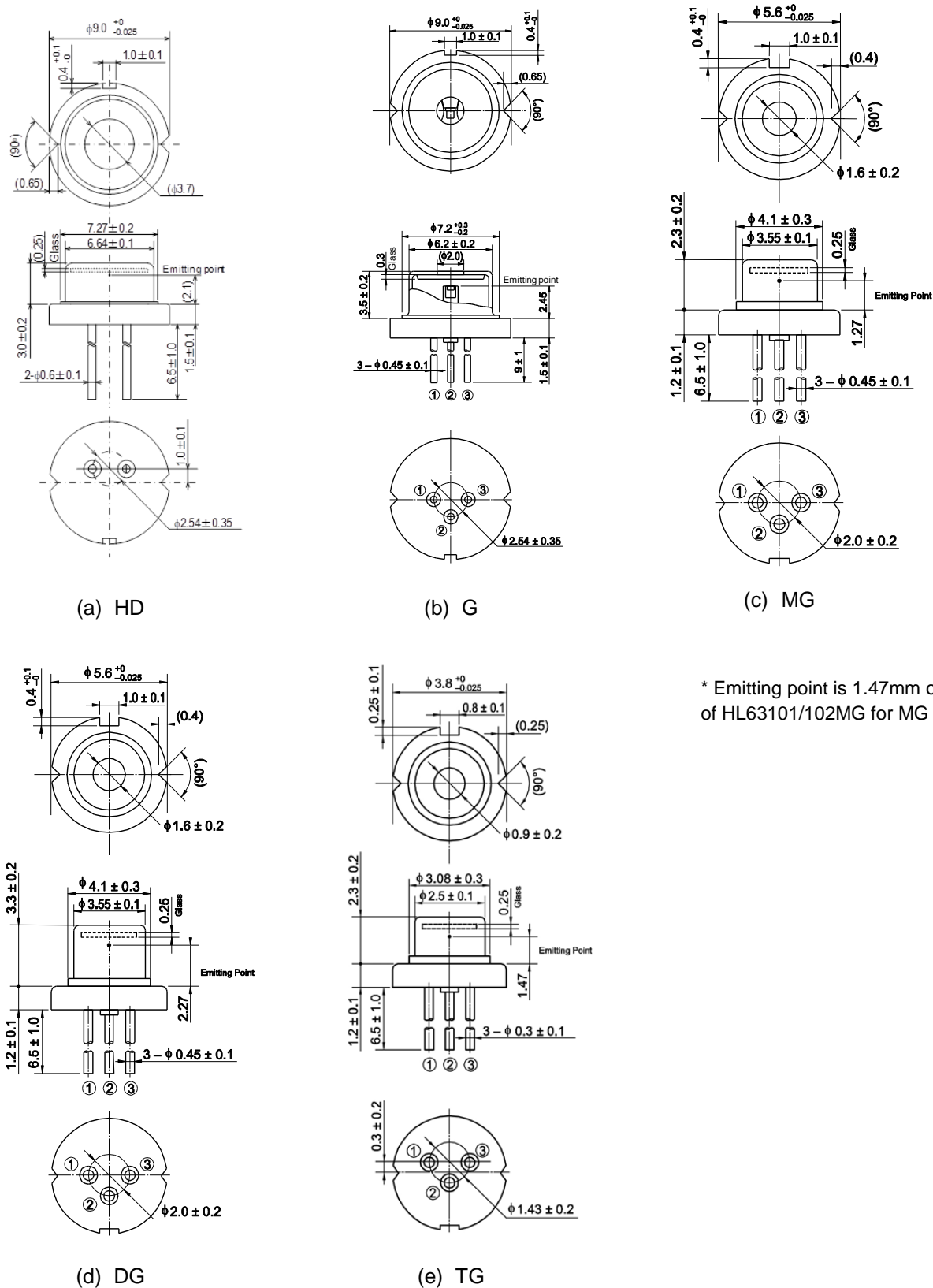


Figure 2 Package dimensions