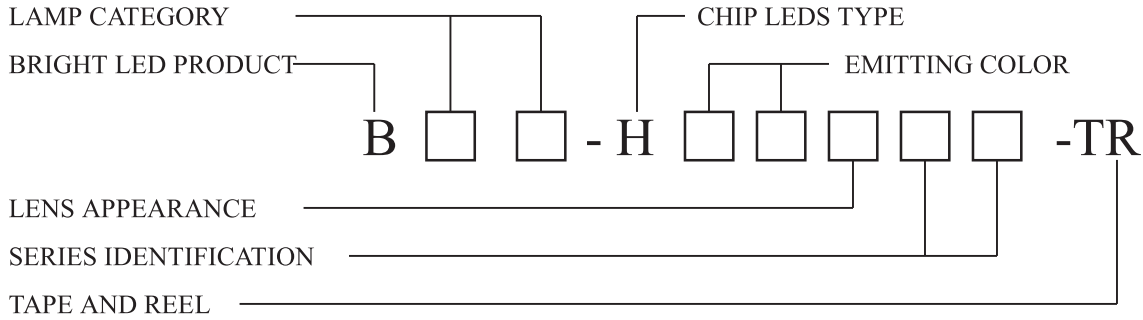




# Selection Guide To SMT Infrared Series

## SELECTION GUIDE (PART NO. SYSTEM)

- INFRARED EMITTING DIODES
- PHOTOTRANSISTORS
- PHOTODIODES



### LAMP CATEGORY :

IR : Infrared Emitting Diodes

PT : Phototransistors

PD : Photodiodes

### SERIES IDENTIFICATION :

Lx : GaAs/GaAs940nm

Mx : GaAsAl/GaAs940nm

Nx : GaAlAs880nm

Ox : GaAlAs/GaAlAs850nm

Px : Silicon Phototransistors

Qx : Silicon Photodiodes

## TYPICAL ELECTRICAL-OPTICAL CHARACTERISTICS CURVES

### Infrared Emitting Diodes Series :

Fig.3 FORWARD CURRENT VS. FORWARD VOLTAGE

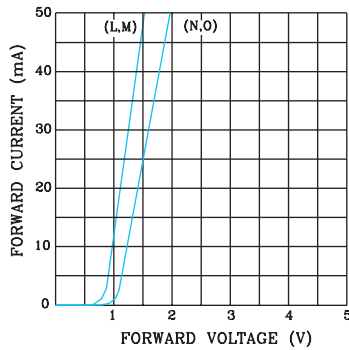


Fig.4 RELATIVE LUMINOUS INTENSITY VS. AMBIENT TEMPERATURE

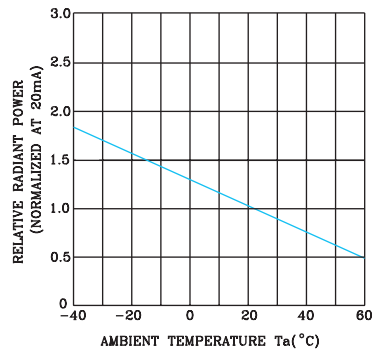


Fig.5 RELATIVE LUMINOUS INTENSITY VS. FORWARD CURRENT

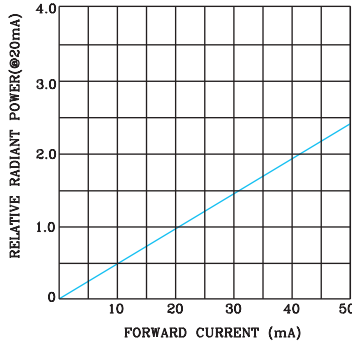


Fig.6 RADIATION DIAGRAM

