TAB-DOWN 1X1 100M Lightning Protection Base For RJ45

UN111B339DB2A1DFL

Electrical

- Turn ratio 2~3:J1~J2=1CT:1CT(±2%).
  5~6:J3~J6=1CT:1CT(±2%).
- OCL:350uH Min.at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;
  -16dB Min 10~30MHz;
  -12dB Min 30~60MHz;
  -10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;
  -35dB Min 30~60MHz;
  -30dB Min 60~100MHz.
- CMR: -30dB Min 1~100MHz;
- IEC 61000-4-2 (ESD) ±30kV (air), ±30kV (contact); IEC 61000-4-5 (SURGE) ±4kV (Difference Mode),±6kV (Common mode).
- Hi-Pot:1500V AC & 2250V DC 6S 1mA PRI TO SEC.



Material

- Housing: PBT,UL94V-0,BLACK.
- Terminals Bracket: PBT,UL94V-0,BLACK.
- Shield: C2680,T=0.20MM,Nickel Plating on all area.
- Terminal: Phosphor Bronze C5210,T=0.35MM,6U" Gold Plating on contact area.

Mechanical Data

- Durability: 750 Cycles Min.
- Mating Force: 23N MAX.
- Operating Temperature: -40°C~+85°C.
- Storage Temperature: -40°C~+85°C.
- All Critical Dimensions with "*"

LED Specification

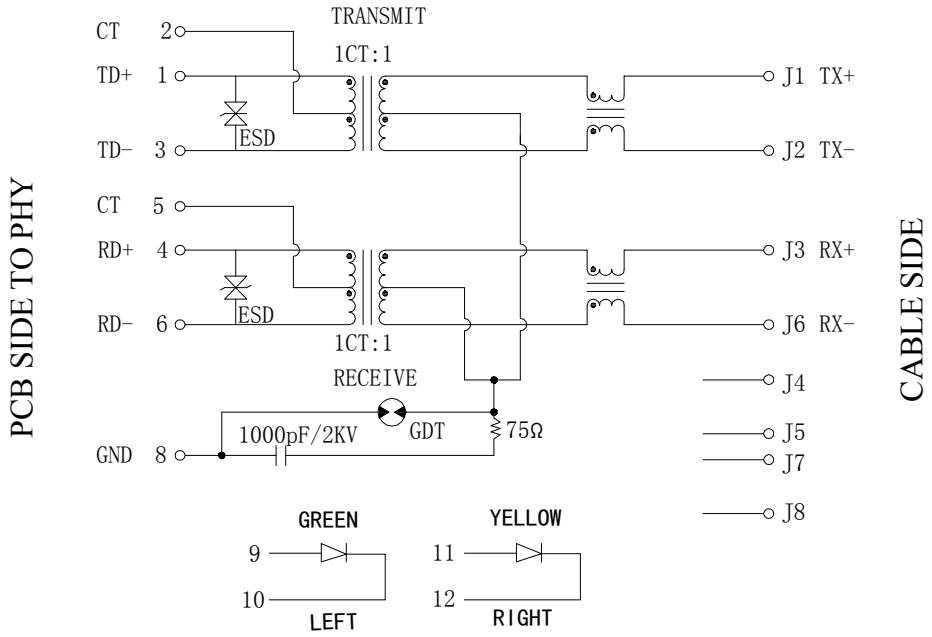
Standard LED Color	LED Wavelength	Foward (A)	Foward (V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V

@ UN Semiconductor Co., Ltd. 2018
Specifications are subject to change without notice.
Please refer to www.unsemi.com.tw for current information.
Download from alldatasheet.com

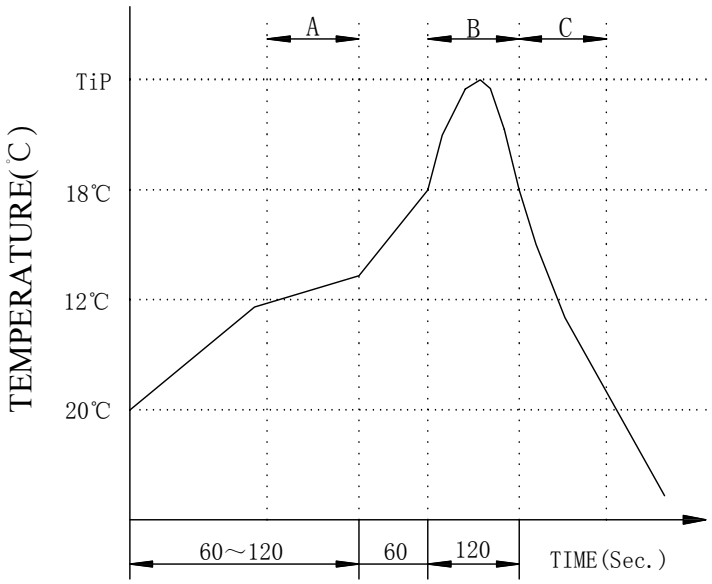
TAB-DOWN 1X1 100M Lightning Protection Base For RJ45

UN111B339DB2A1DFL

Schematic



Soldering Parameters



A.Preheating B.Soldering C.Gradual Cooling
Tip temperature:260±5°C.
Tip temperature time:5Sec Max.
Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

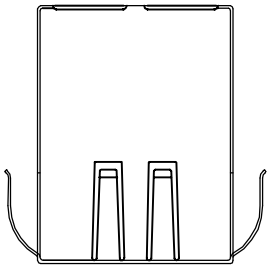
Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

@ UN Semiconductor Co., Ltd. 2018
Specifications are subject to change without notice.
Please refer to www.unsemi.com.tw for current information.
Download from alldatasheet.com

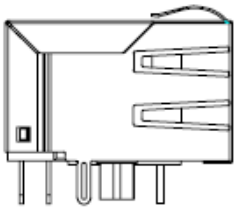
TAB-DOWN 1X1 100M Lightning Protection Base For RJ45

UN111B339DB2A1DFL

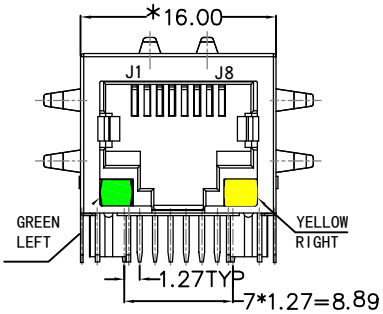
Dimensions



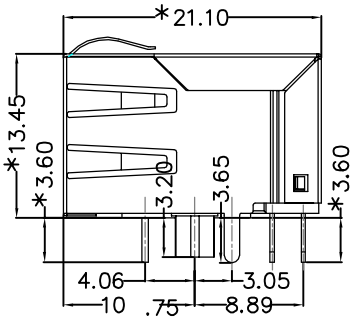
TOP VIEW



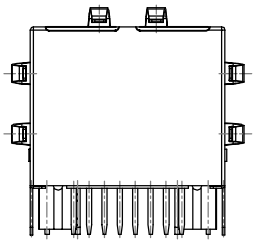
LEFT SIDE VIEW



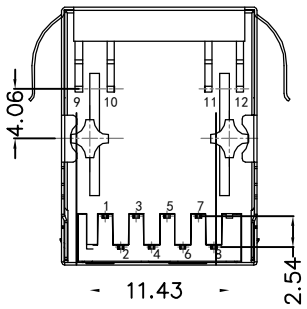
FRONT VIEW



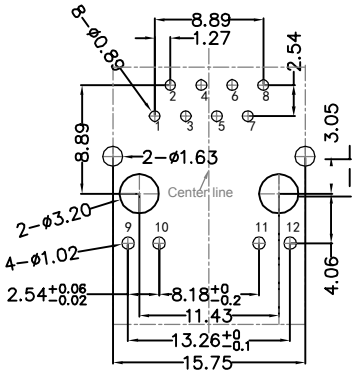
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

Unit: Millimeters

@ UN Semiconductor Co., Ltd. 2018
Specifications are subject to change without notice.
Please refer to www.unsemi.com.tw for current information.

Download from alldatasheet.com