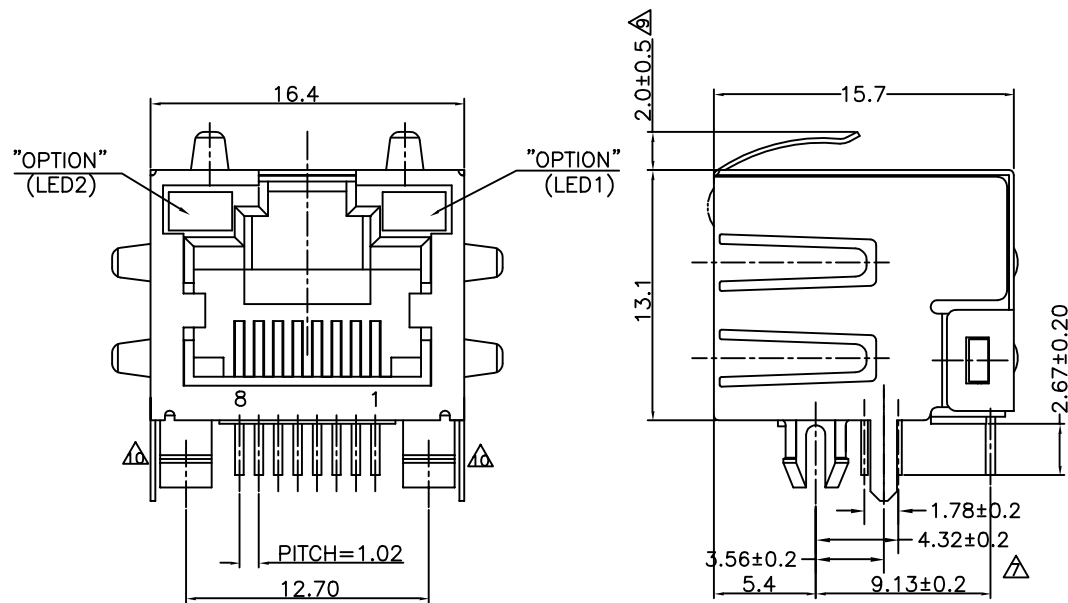


A1RFRD10

**NOTES:****ELECTRICAL:**

- VOLTAGE RATING : 125 VAC RMS.
- CURRENT RATING : 1.5 AMP.
- CONTACT RESISTANCE : 30 MILLIOHMS MAX.
- INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 500 VDC.
- DIELECTRIC STRENGTH : 1000 VAC RMS 60Hz, 1MIN.
- LED RATINGS: FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.  
REVERSE VOLTAGE: 5 VOLTS MAXIMUM.
- OPERATING: 750 CYCLES MIN.

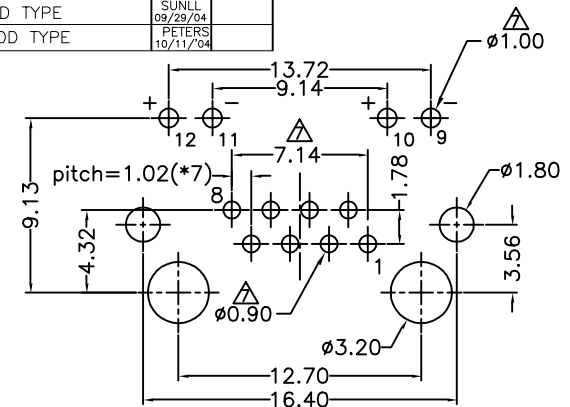
**MECHANICAL:**

- HOUSING MATERIAL : PBT+30%G.F UL94V-0. COLOR-BLACK.
- INSERT MATERIAL : PBT+30%GF UL94V-0. COLOR-BLACK.
- LENS MATERIAL : PC UL94V-0. COLOR-CLEAR.
- BACK PLATE MATERIAL : PBT+30%GF. COLOR-BLACK.
- LED SIZE : 3.2\*2.0\*4.0\*P=2.29mm.
- SHIELD MATERIAL : COPPER ALLOY 0.25mm THICKNESS PLATING NI.
- CONTACT MATERIAL : PHOSPHOR BRONZE 0.35mm THICKNESS OR Ø0.46mm.
- PLATING : GOLD PLATING OVER NICKEL.
- PCB RETENTION PRE-SOLDER : 1 LB MIN.
- PCB RETENTION POST-SOLDER: 10 LBS MIN.

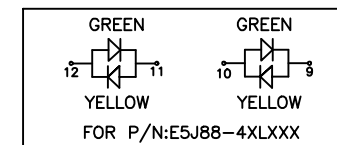
**ENVIRONMENTAL:**

- STORAGE : -40°C TO +85°C.
  - OPERATION: 0°C TO 70°C.
  - SOLDERABILITY :245°±5°C(3~5 SEC).
- MATES WITH MODULAR PLUG CONFORMING TO  
FCC PART 68, SUBPART F.  
CUL FILE NO. E163191

	ADD TYPE	JERRY 1/4/2001'	REVISION RECORD				
	EC NOTE & TYPE	JERRY 3/16/01'	REV	ECO	DESCRIPTION	DRFT	CHKD
	Modify Dimension	Christ 3/11/02'			EC NOTE & TYPE	JERRY 7/14/00'	
	Add notes	Christ 11/04/02'			ADD LED TYPE	JERRY 7/25/00'	
	Add Dimension	Chi 4/11/03'			EC NUMBER	JERRY 9/4/00'	
	Add Dimension	Jake 09/06/04'			ADD TYPE	JERRY 9/11/00'	
	ADD TYPE	SUNLL 09/25/04'	 = ø1.00				
	ADD TYPE	PETERS 10/11/04'					



PC Board Layout t=1.60mm  
Component Side Shown



**PART NUMBER:** E 5J 8 8 - X X L X X X

- 1-LED1:GREEN ,LED2:YELLOW
- 2-LED1:GREEN ,LED2:GREEN
- 3-LED1:YELLOW ,LED2:GREEN
- 4-LED1:G+Y ,LED2:G+Y
- 5-LED1:RED ,LED2:GREEN
- 7-LED1:YELLOW ,LED2:YELLOW
- E-LED1:GREEN,LED2:RED

- 0-W/O SHIELD
- 1-NO TAB
- 2-TOP TABS.
- 3-SIDE TABS.
- 4-TOP TABS & SIDE TABS.

PLATING:1-3u"  
2-6u"  
3-15u"  
4-30u"  
5-50u"

- A-TIN LEAD SHIELD STAMPED PIN
- B-NI SHIELD STAMPED PIN
- E-TIN LEAD SHIELD ROUND PIN
- F-NI SHIELD ROUND PIN
- 0-W/O LOGO W/ TINNED SHIELD LEGS
- 5-W/O LOGO W/O TINNED SHIELD LEGS

DETACHED LISTS		DFTO JERRY		DATE 3/28/00'		FULL RISE ELECTRONIC CO., LTD	
TOLERANCES EXCEPT AS NOTED		CHKD JAKE		DATE 2004/10/12		TITLE	
MFO		DATE		DATE 2004/10/12		LED JACK	
APPLV LUSHENG		MATERIAL :		DRAWING NO. GE5J3A01		SIZE	REV
ANGLES ±		QT'Y :		/PART NO. SEE NOTE		A3	12
THIRD ANGLE PROJECTION		FINISH :		DO NOT SCALE DRAWING		SHEET 1	OF 1
		SCALE : 4:1					

# Mouser Electronics

Authorized Distributor

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