

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[48146-0011](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

1.MATERIAL:

METAL SHELL: BRASS

HOUSING: HIGH TEMP THERMOPLASTIC,UL94V-0,COLOR:BLACK

INSERT: HIGH TEMP THERMOPLASTIC,UL94V-0,COLOR:BLACK

TERMINAL: PHOSPHOR BRONZE

2.PLATING:

TERMINAL:

CONTACT AREA: GOLD(Au),THICKNESS=50 MICROINCH/1.27 MICROMETER

SOLDER TAIL: TIN(Sn),THICKNESS=100 MICROINCH MINIMUM,

UNDER PLATE: NICKEL (Ni),

METAL SHELL:

SOLDER TAIL: TIN(Sn),THICKNESS=100 MICROINCH MINIMUM,

UNDER PLATE: NICKEL (Ni),(SOLDERING AVAILABLE)

SURFACE APPEARANCE: BRIGHT.

3.RECOMMENDED PCB THICKNESS: 1.60±0.05

4.PRODUCT SPECIFICATION REFER TO PS-48146-001

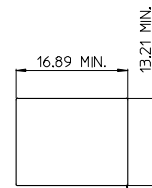
5.TEST SUMMARY REFER TO TS-48146-001

6.PACKAGING SPECIFICATION REFER TO PK-48146-001.

7.LEAD FREE AND ROHS COMPLIANT PRODUCT.

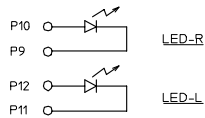
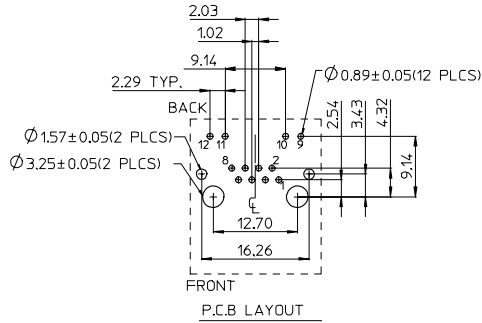
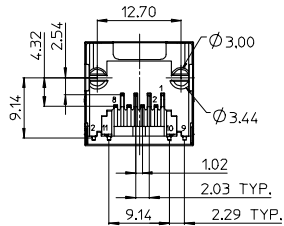
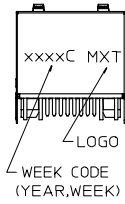
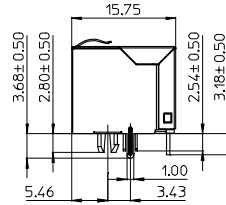
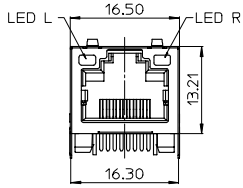
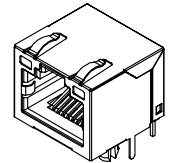
LED ELECTRICAL SPECIFICATION

PARAMETER	GREEN (TYP.)	AMBER (TYP.)	UNITS	TEST CONDITIONS
POWER DISSIPATION	105	100	mW	
REVERSE VOLTAGE	5	5	V	
PEAK WAVELENGTH	565	600	nm	IF=20mA
FORWARD VOLTAGE	2.2 MAX.=2.5	2.1 MAX.=2.5	V	IF=20mA



R0.25 MAX.

RECOMMENDED PANEL CUTOUT



LED SCHEMATIC

P/N	LED COLOR	
	LEFT	RIGHT
48146-0001	GREEN	GREEN
48146-0011	GREEN	AMBER
48146-0010	AMBER	GREEN

ADD NEW P/N EC NO: SH2008-0138 DRAWN ALLIN CHKD: W.SCHANG APPR: W.SCHANG 2006/09/13 2006/09/13	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	CATEGORY 5 MODULAR JACK 8 POSITION, 8 CONTACTS			
			4 PLACES ±---	±---	L.INDA	2004/07/27				
			3 PLACES ±---	±---	CHECKED BY	DATE	MOLEX INCORPORATED			
			2 PLACES ±0.25	±---	ALL IN	2004/07/27				
			1 PLACE ±0.25	±---	APPROVED BY	DATE	MOLEX INCORPORATED			
			ANGULAR ± 3 °		W.SCHANG	2004/07/27				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					SEE TABLE		SD-48146-001		1 OF 1	
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			