



RECOMMENDED PCB LAYOUT

NOTES:

MECHANICAL

HOUSING : LCP BLACK UL94V-0  
 CONTACT : PHOSPHOR BRONZE  
 CONTACT PLATING : GOLD PLATING AT CONTACT AREA  
 MATTE TIN AT SOLDER AREA 100U Min.  
 NICKEL 30U Min. OVER ALL

MATING/UNMATING FORCE : 30N/3.06KgF Max.  
 RETENTION STRENGTH : 50N FOR 60s±5s  
 DURABILITY : 1500 CYCLES MIN.

ELECTRICAL

VOLTAGE RATING : 125V AC RMS.  
 CURRENT RATING : 1.5 AMP  
 CONTACT RESISTANCE : 20mΩ Max.  
 INSULATION RESISTANCE : 1000MΩ Min. @500V DC  
 DIELECTRIC STRENGTH : 1000V AC OR 1500V DC RMS.  
 @0.5mA 50Hz OR 60Hz ONE MINUTE

LED OPERATION VOLTAGE : 1.8~2.6V  
 LED OPERATION CURRENT : 20mA Max.

ENVIRONMENTAL

STORAGE TEMPERATURE : -40°C~+85°C  
 OPERATION TEMPERATURE : -40°C~+85°C

 <b>E.S. GLOBAL TOP</b>		UNIT	mm
		REVISION	17
PRODUCT		TOLERANCES	
RJ45 1X1 SIDE ENTRY JACK SMT WITH LED		00~15 ± 0.10 15~30 ± 0.15 30~ ± 0.20 ANGLES ± 1°	
DWG NO.	PART NO.		
EZC1145S-18S21-02			
PROJECTION	SCALE	SHEET	1 OF 1