

**ENVIRONMENTAL:**

1. LOW LEVEL CONTACT RESISTANCE(LLCR):  
▲R 10 MILLIOHMS MAXIMUM FOR SHIELD AND SIGNAL CONTACTS.
2. WITHSTANDING VOLTAGE: 300V AC/MAX.
3. INSULATION RESISTANCE:  $1 \times 10^9$  OHMS MINIMUM.
4. RATINGS CURRENT: SIGNAL APPLICATION ONLY.
5. RATINGS VOLTAGE: 120 volts AC.
6. OPERATION:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ .
7. STORAGE:  $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$ .
8. ROHS COMPLIANT

**NOTE:**

**MATERIAL:**

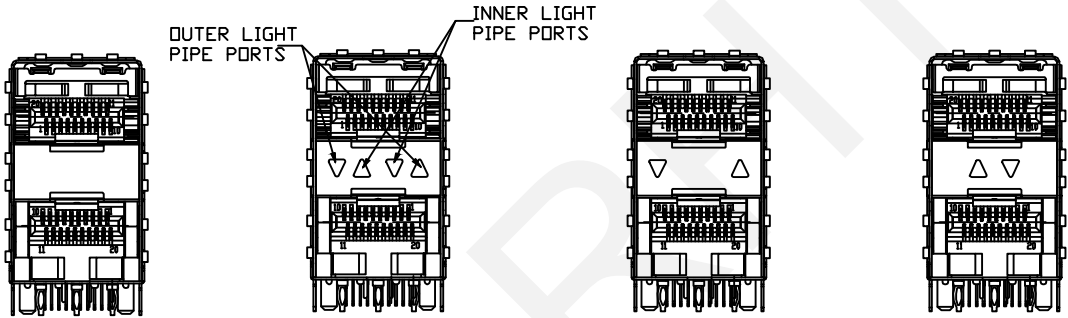
1. CONTACT: PHOSPHOR BRONZE C5210-EH T=0.20mm.
2. CONNECTOR HOUSING: LCP UL 94V-0. COLOR: BLACK.
3. MOULDED INSET: HIGH TEMPERATURE PLASTIC UL 94V-0. COLOR: BLACK.
4. CAGE: COPPER ALLOY C7701 T=0.25mm.
5. LIGHT PIPES: POLYCARBONATE. UL 94V-0. COLOR: CLEAR.
6. LIGHT PIPE HOUSING: PBT+30%.GF UL 94V-0 COLOR: BLACK.

**PLATED:**

1. CONTACT MATING AREA : PLATING GOLD 0.38 MICROMETERS MINIMUM OVER 1.27 MICROMETERS MINIMUM NICKEL.
2. CONTACT NEEDLE EYE: 1.27 MICROMETERS MINIMUM MATTE TIN OVER 1.27 MICROMETERS MINIMUM NICKEL.

**MECHANICAL REQUIREMENT:**

1. DURABILITY: 100 CYCLES MIN.
2. INSERTION AND EXTRACTION FORCE: 40N MAX & 11.5N MAX



RHTLYFP-013  
2x1 Press Fit  
WITHOUT LIGHT PIPES

RHTLYFP-013L-4  
2x1 Press Fit  
WITH INNER/OUTER  
LIGHT PIPES

RHTLYFP-013L-2A  
2x1 Press Fit  
WITHOUT LIGHT PIPES

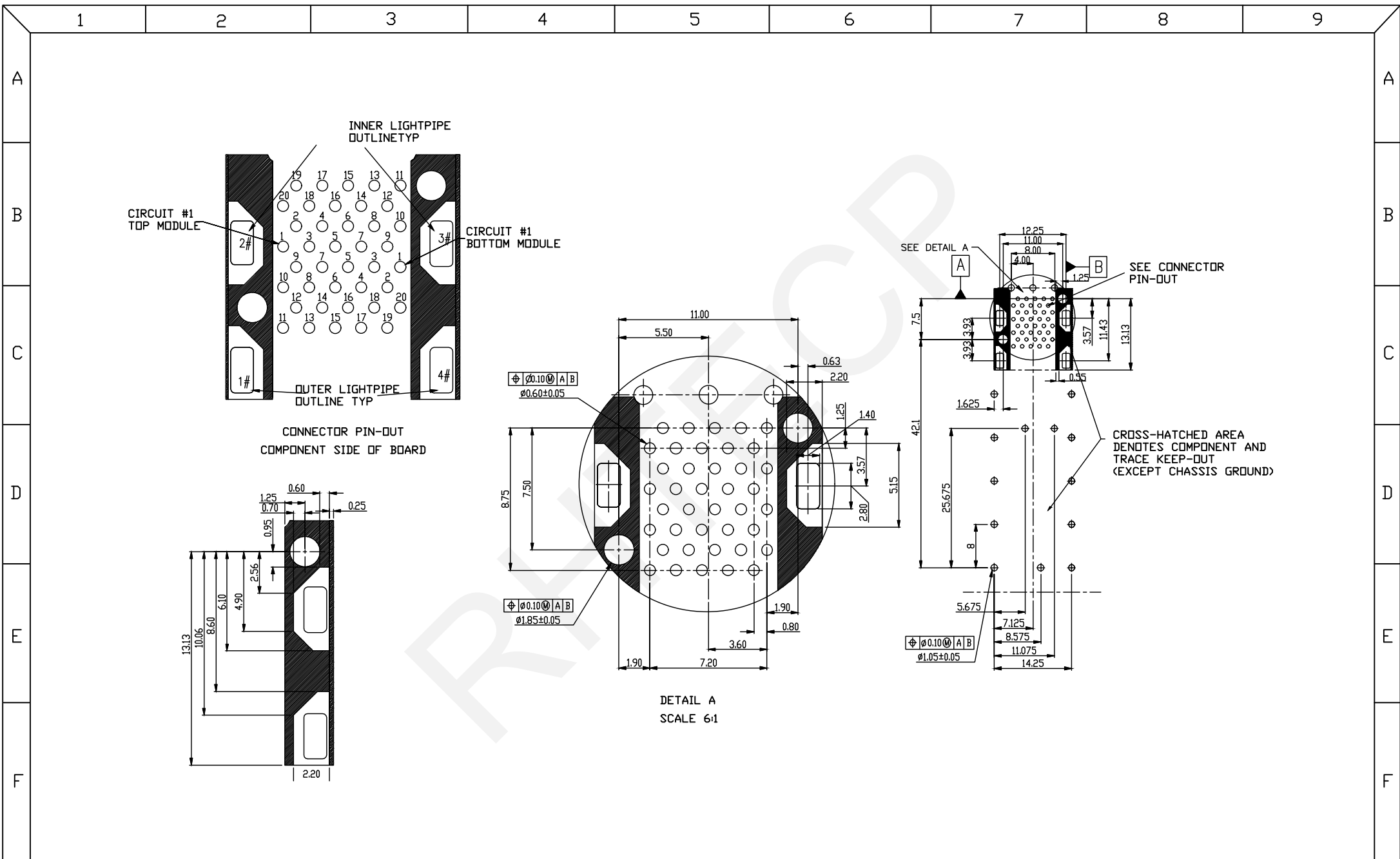
RHTLYFP-013-2B  
2x1 Press Fit  
WITHOUT LIGHT PIPES

**RHTECP** NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4			SCALE:---
0~3	3~18	18~50	50~120	
±0.12	±0.15	±0.3	±0.5	

DRWN BY PAN  
CHK'D BY FENG  
APPR BY ZHAN

2x1 Press Fit Connector  
THIRD ANGLE PROJECTION  
 RHTLYFR-013



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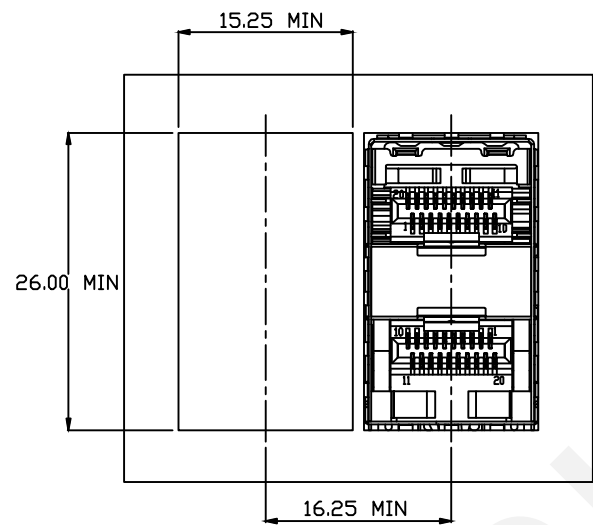
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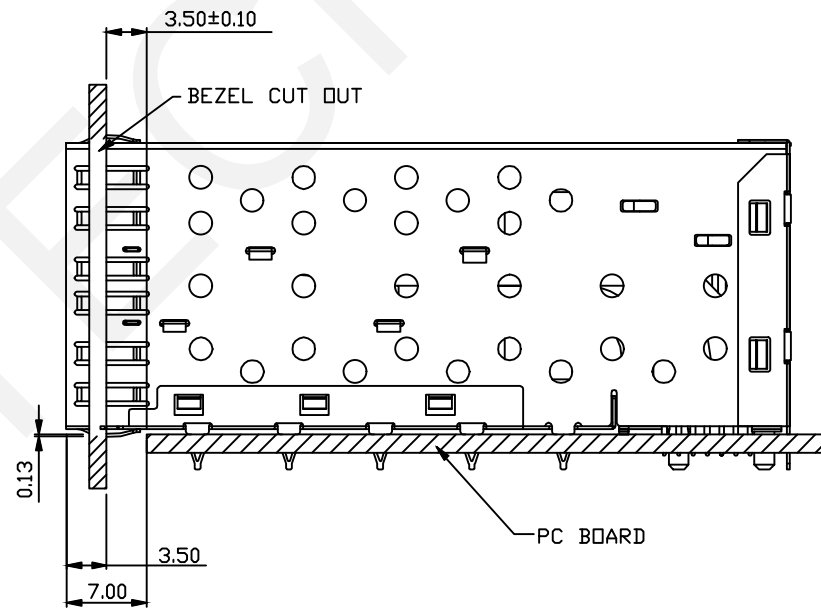
2x1 Press Fit Connector

THIRD ANGLE PROJECTION

RHTLYFR-013



BEZEL CUT-OUT CENTER SPACING DETAIL  
BEZEL THICKNESS:0.8-2.6

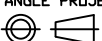


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THIRD ANGLE PROJECTION  


RHTLYFR-013