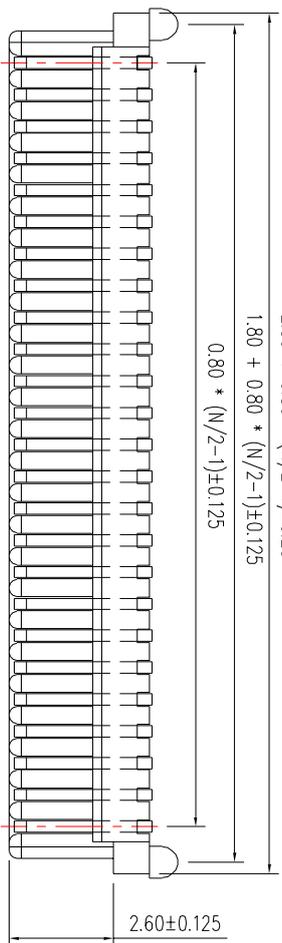
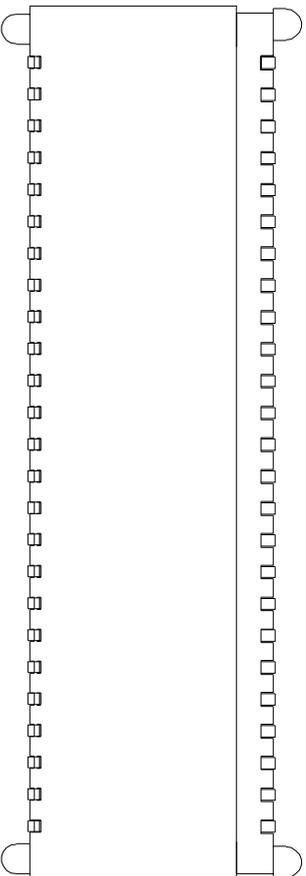
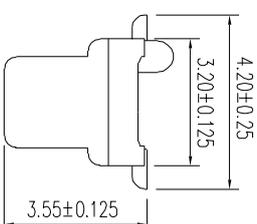


REV.	DESCRIPTION	DATE
A1	增加尺寸	2020.7.10

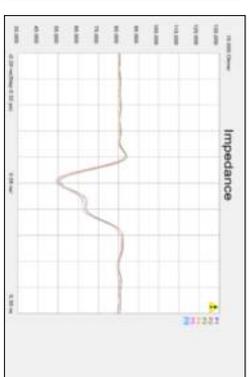
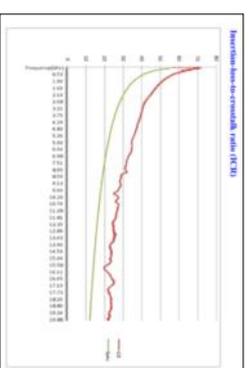
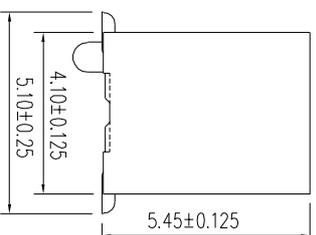
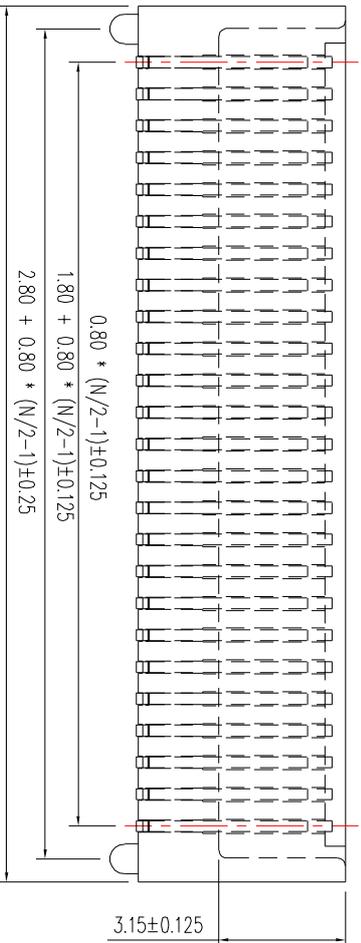
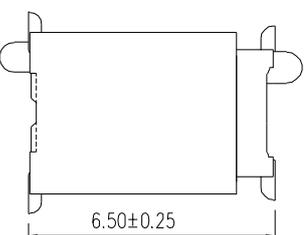
$$2.50 + 0.80 * (N/2-1) \pm 0.25$$



ER088TB-PAXXX



ER088TB-RCXXX



NOTE

A. Material:

1. Housing : Nylon-9T Halogen Free, UL94V-0, Black

2. Contact : Copper Alloy

B. Plating: Gold plating

C. Temperature: -55° to 125°

D. Electrical:

1. Voltage : 100V.

2. Current : 0.5A.

3. Contact Resistance : 40m Ω max.

4. Dielectric Withstanding Voltage : 500V AC / 1 min.

5. Insulation Resistance : 100M Ω min.

E. Available Pins : 10~100 Contacts

F. Signal Integrity features

1. Insertion Loss-to-Crosstalk-Ratio (ICR)

The Insertion loss-to-crosstalk ratio (ICR) with 5-aggressor differential FEXT meets the IEEE802.3ap specification for

10Gbps with plenty of margins.

2. Differential Impedance

The differential impedance is 85Ω at 35 ps rise time.

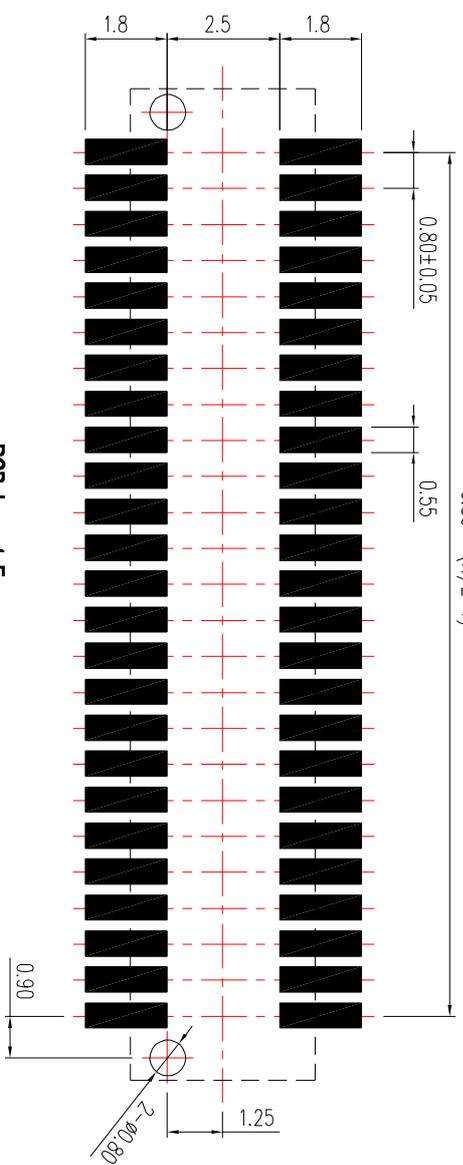
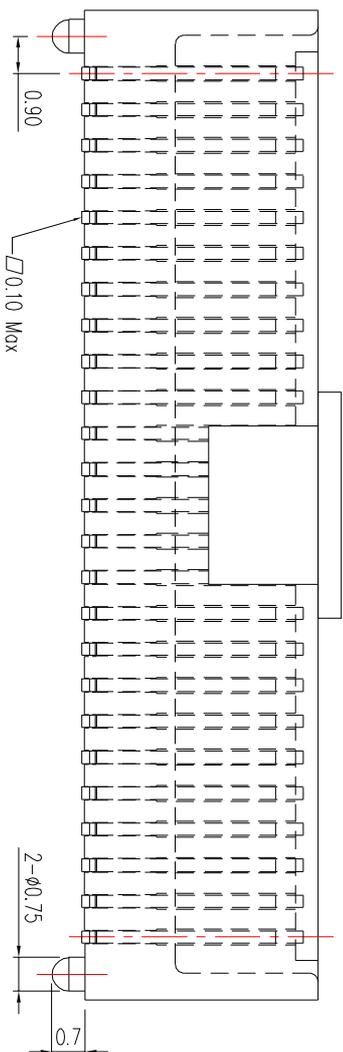
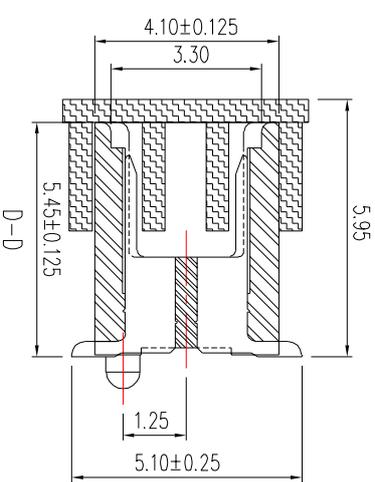
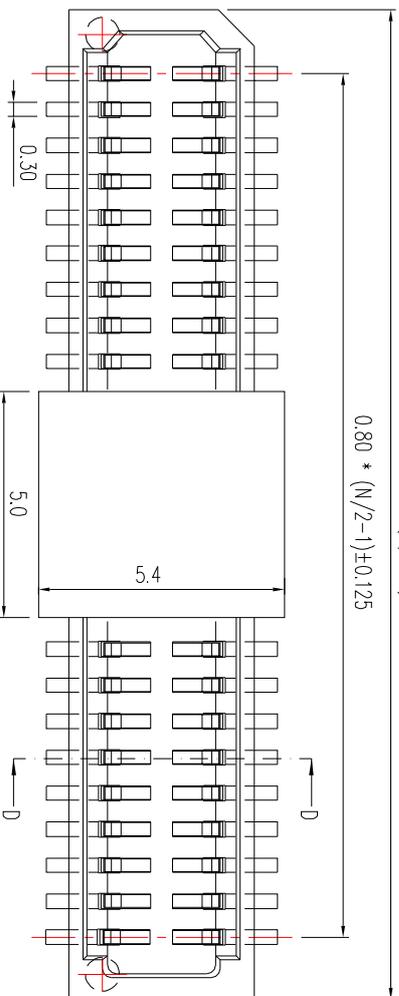
(20% to 80%)

TOLERANCE		DRAWER	
.X ±0.25		ER088TB-H65	ER088TB-H65
.XX ±0.10		ER088TB-H65	ER088TB-H65
.XXX ±0.05		ER088TB-H65	ER088TB-H65
UNITS : mm		SCALE 5 : 1	
DRAWER: <i>Wen Sheng Shiu</i>		SIZE A4	
CHECK: <i>Wen Sheng Shiu</i>		SHEET 1 OF 3	
DESIGNED: <i>Wen Sheng Shiu</i>		REV. A	
APPROVAL: <i>Wen Sheng Shiu</i>			
DATE: 7/10/2020			
NAME: <i>Wen Sheng Shiu</i>			
PART NO: ER088TB-H65			
DRAW NO: ER088TB-H65			
10+Gbps 0.8mm (0.031") Pitch Board To Board Connectors			
Male-Female Stacking Height: 6.5mm			

Wen Sheng Shiu 日亮電子科技有限公司
Sun-Light Electronic Technologies Inc.

RoHS

2.80 + 0.80 * (N/2-1) ± 0.25



PCB Layout For
Surface Mounting

NOTE

A. Material:

1. Housing : Nylon-9T Halogen Free, UL94V-0, Black
2. Contact : Copper Alloy

3. Cap : Nylon-9T Halogen Free, UL94V-0, Black

B. Plating: Gold plating

C. Temperature: -55° to 125°

D. Electrical:

1. Voltage : 100V.
 2. Current : 0.5A.
 3. Contact Resistance : 40m Ω max.
 4. Dielectric Withstanding Voltage : 500V AC / 1 min.
 5. Insulation Resistance : 100M Ω min.
- E. Available Pins : 10~100 Contacts

RoHS

<p>TOLERANCE</p> <p>X .±0.25</p> <p>.XX ±0.10</p> <p>.XXX±0.05</p>		<p>DRAWER</p> <p><i>Shaw Shun Shiu</i></p>	
<p>UNITS : mm</p>		<p>CHECK</p> <p><i>Shaw Shun Shiu</i></p>	
<p>SCALE</p> <p>6 : 1</p>		<p>DESIGNED</p> <p><i>Shaw Shun Shiu</i></p>	
<p>SIZE</p> <p>A4</p>		<p>APPROVAL</p> <p><i>Shaw Shun Shiu</i></p>	
<p>DATE</p> <p>7/10/2020</p>		<p>NAME</p> <p><i>OpLight</i> 日亮電子科技有限公司</p>	
<p>SHEET</p> <p>3 OF 3</p>		<p>PART NO.</p> <p>ER08BTB-RCXXX</p>	
<p>REV.</p> <p>A</p>		<p>DRAW NO.</p> <p>ER08BTB-RC</p>	

REV.	DESCRIPTION	DATE
A1	加工尺寸	2020.7.10