

REV.	DESCRIPTION	DATE
A1	增加尺寸	2020.7.10

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

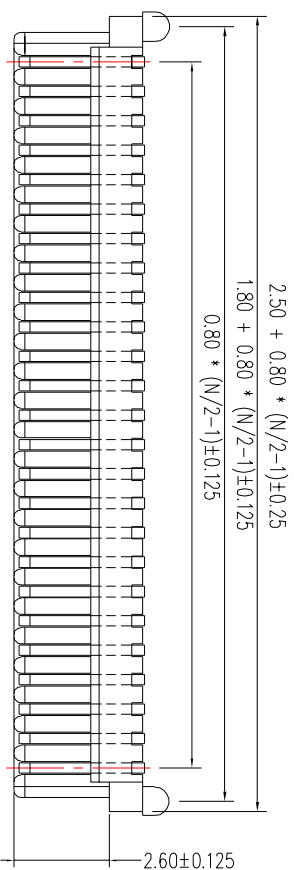
differential FEXT meets the IEEE802.3ap specification for

10Gbps with plenty of margins.

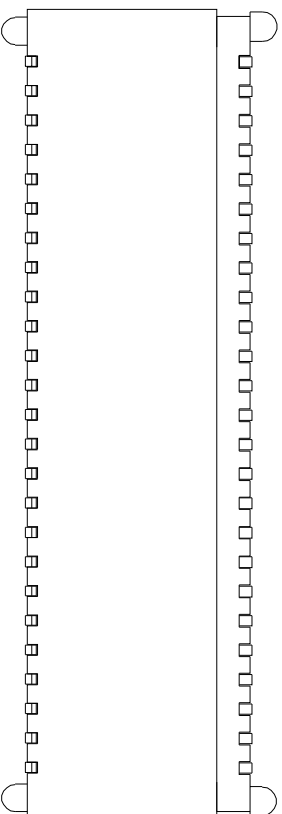
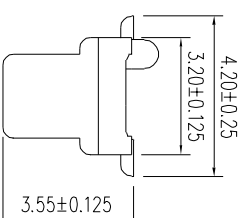
2. Differential Impedance

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

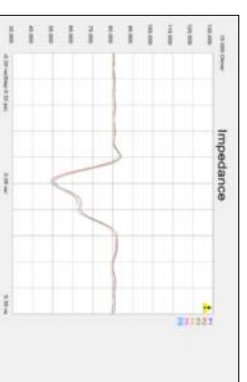
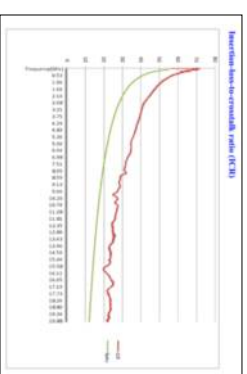
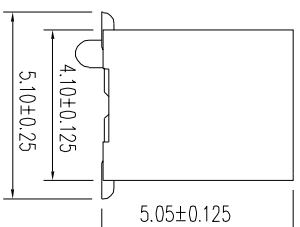
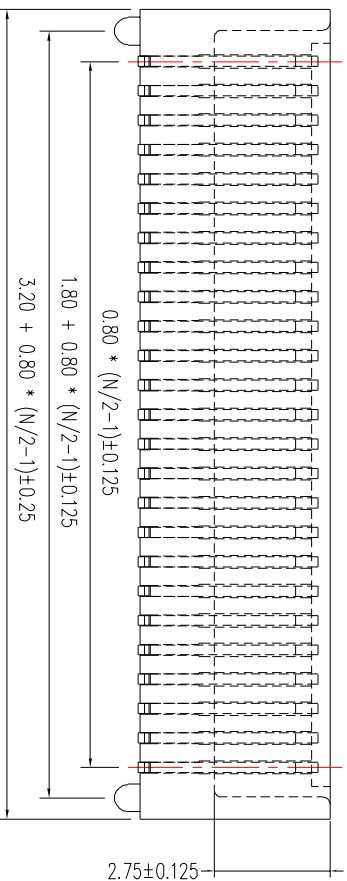
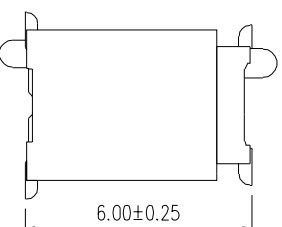
(20% to 80%)



ER08BTB-PAXXX



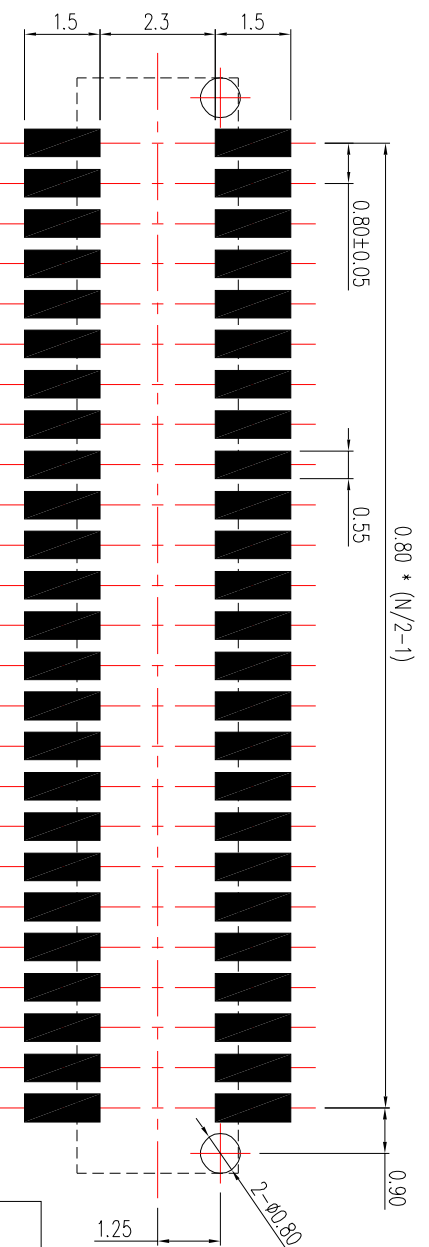
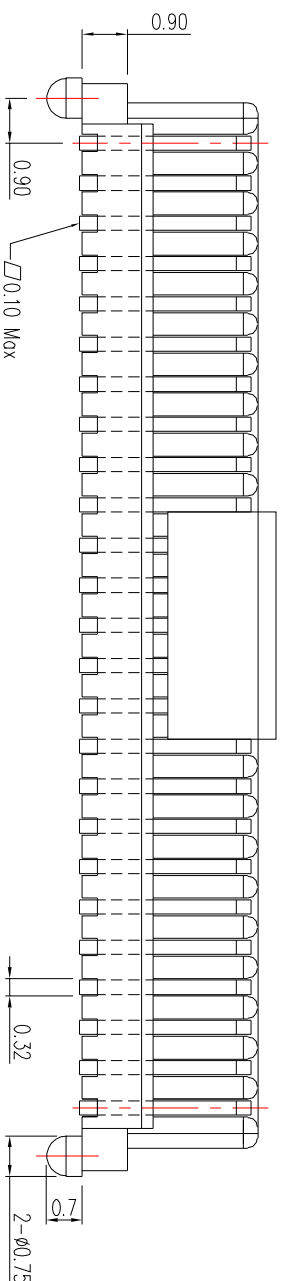
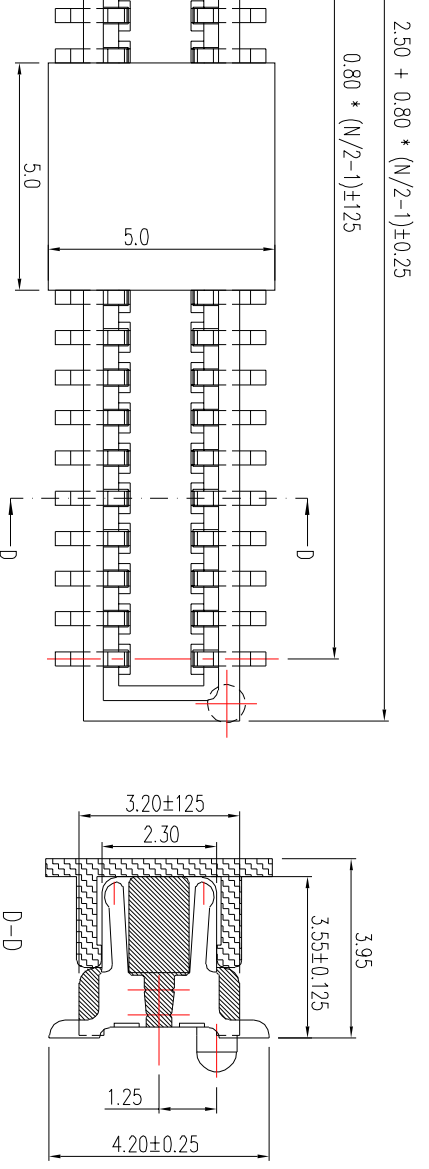
ER08BTB-RBXXX



TOLERANCE		DRAWER	
X .±0.25	DRAWER	<i>Shaw Shun Siu</i>	
.XX ±0.10	CHECK	<i>Shaw Shun Siu</i>	
.XXX±0.05	DESIGNED	<i>Shaw Shun Siu</i>	
	APPROVAL	<i>Shaw Shun Siu</i>	
	DATE	7/10/2020	
	SCALE	5 : 1	
	SIZE	A4	
	SHEET	1 OF 3	
	REV.	A	
	NAME	日亮電子科技有限公司 <i>Sun-Light Electronic Technologies Inc.</i>	
	PART NO.	ER08BTB-H60 ER08BTB-H60	
	DRAW NO.	ER08BTB-H60	
	NAME	10-Gbps 0.8mm (0.031") Pitch Board To Board Connectors Male+Female Stacking Height-6.0mm	

RoHS

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NOTE

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 3. Cap : Nylon-9T Halogen Free, UL94V-0, Black
- B. Plating:** Gold plating
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- D. Electrical:**
1. Voltage : 100V.
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 5. Insulation Resistance : 100M Ω min.
- E. Available Pins :** 10~100 Contacts

PCB Layout For
Surface Mounting

RoHS

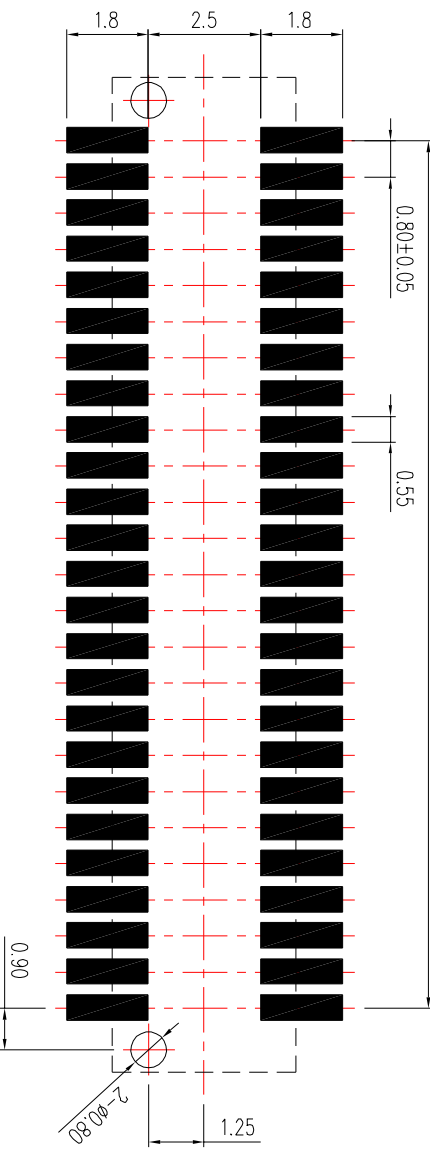
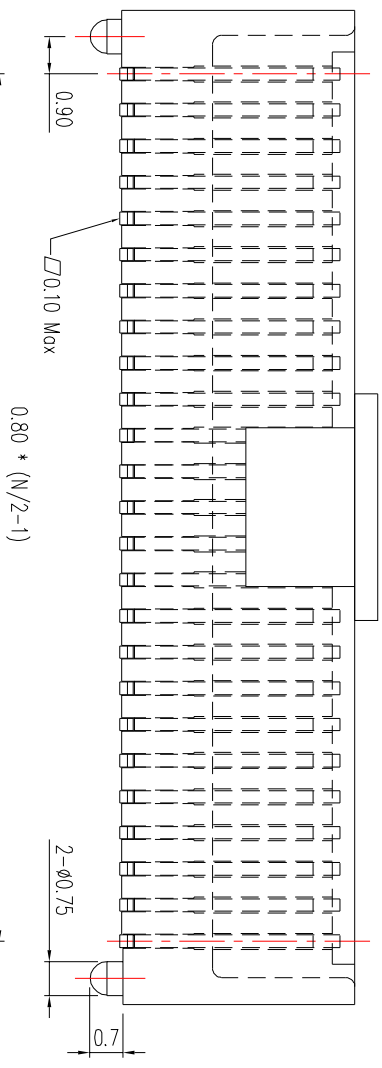
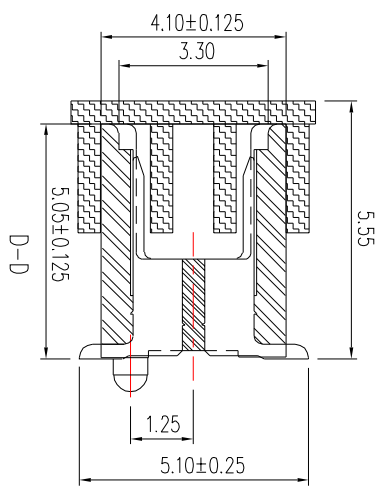
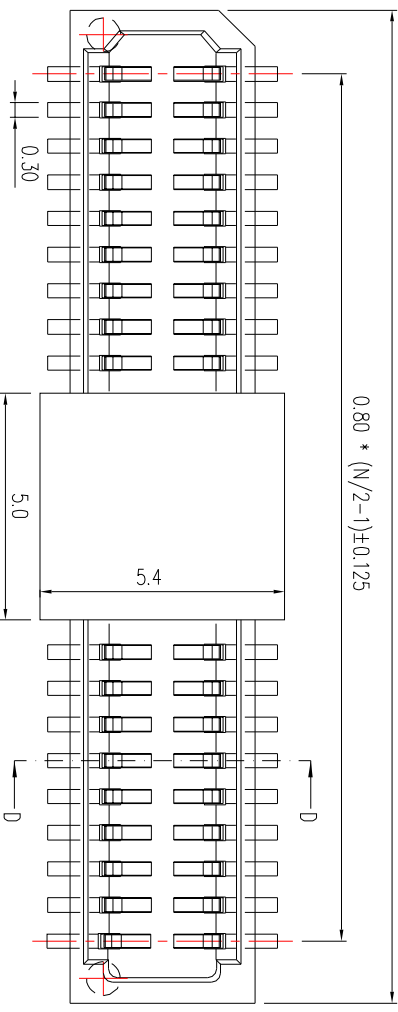
TOLERANCE		DRAWER	
.X ±0.25	CHK	ER08BTB	ER08BTB
.XX ±0.10	DESIGNED	ER08BTB-PA	ER08BTB-PA
.XXX ±0.05	APPROVAL	ER08BTB-PA	ER08BTB-PA
	DATE	7/10/2020	
	UNITS : mm		
	SCALE	6 : 1	
	SIZE	A4	
	SHEET	2 OF 3	
	REV.	A	

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

10+Chips 0.8mm (0.031") Pitch Board To Board
Male Connectors H=3.55mm

Part No: ER08BTB-PA
Rev: ER08BTB-PA

3.20 + 0.80 * (N/2-1) ± 0.125



PCB Layout For
Surface Mounting

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.XX ±0.10		CHECK	<i>Shaw Shun Shiu</i>
.XXX ±0.05		DESIGNED	<i>Shaw Shun Shiu</i>
		APPROVAL	<i>Shaw Shun Shiu</i>
		DATE	7/10/2020
UNITS : mm		SCALE 6 : 1	
		SIZE	A4
NAME		SHEET 3 OF 3	
10+Grips 0.8mm (0.031") Pitch Board To Board		REV.	
Female Connectors H=5.05mm		DRAW NO. ER008TB-RB	
ER008TB-RBXXX		A	

RoHS

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