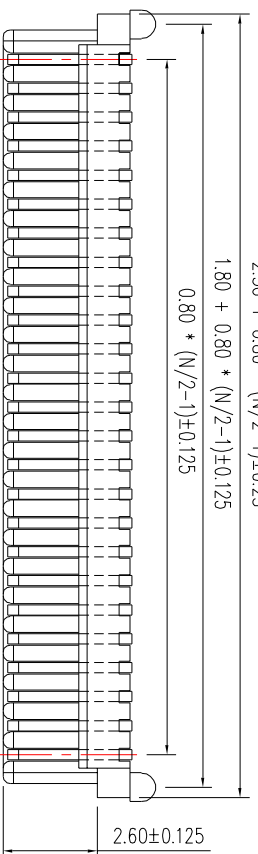
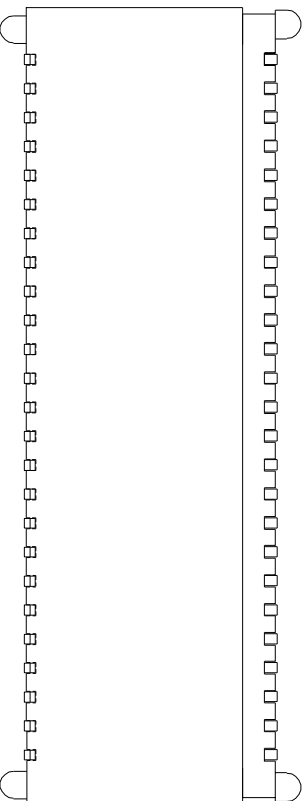
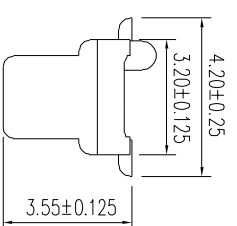


REV.	DESCRIPTION	DATE
A1	加註尺寸	2020.7.10

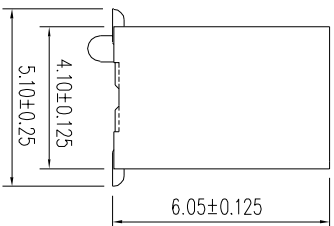
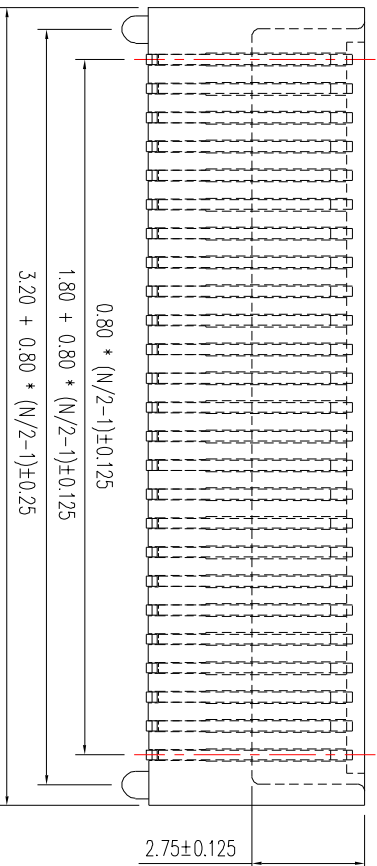
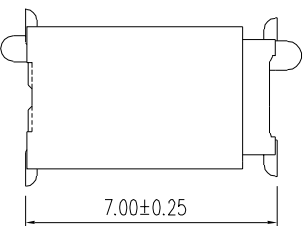
2.50 + 0.80 * (N/2-1)±0.25
 1.80 + 0.80 * (N/2-1)±0.125
 0.80 * (N/2-1)±0.125



ER08BTB-PAXXX



ER08BTB-RDXXX



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

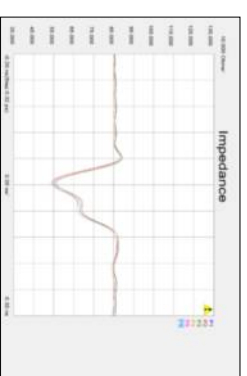
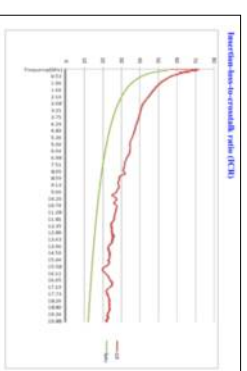
F. Signal Integrity features

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

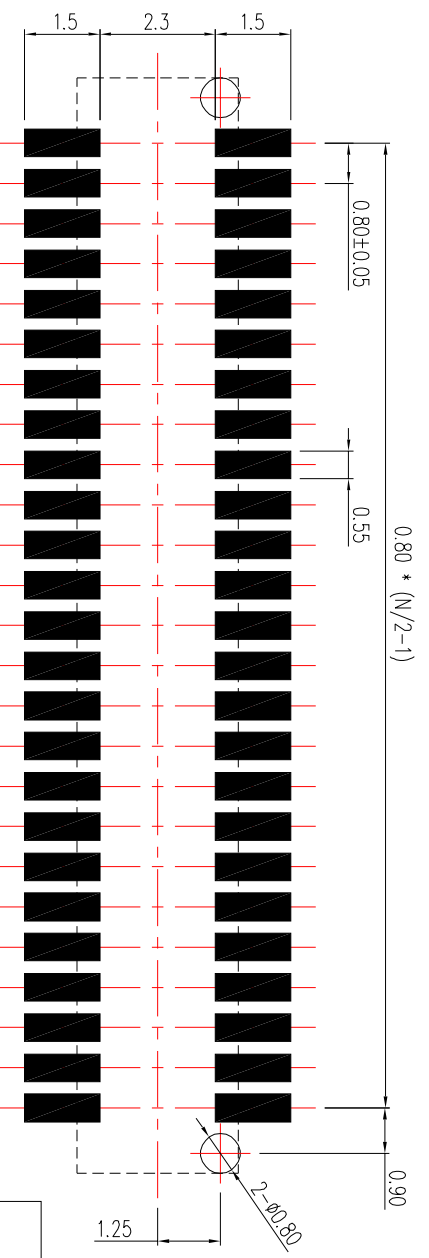
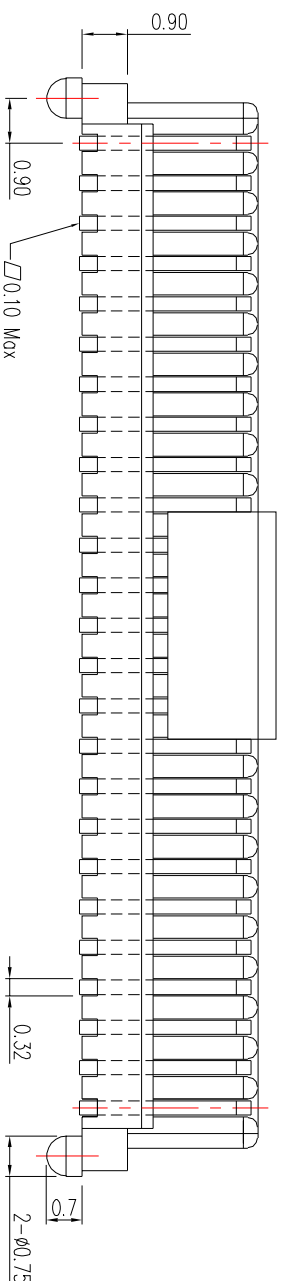
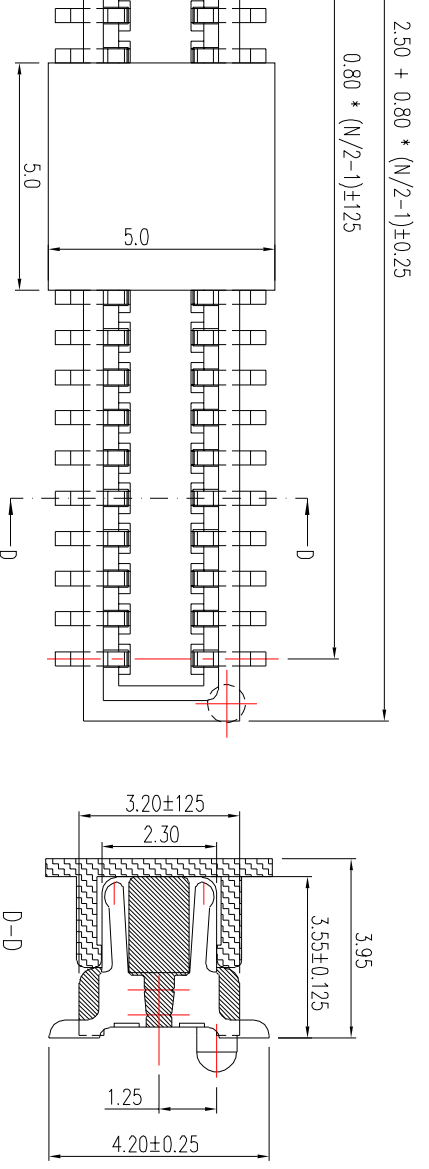
The differential impedance is 85Ω at 35 ps rise time. (20% to 80%)



TOLERANCE		DRAWER	
X ±0.25	XX ±0.10	ER08BTB-H70	ER08BTB-H70
XXX±0.05		DATE	REV.
		7/10/2020	A
UNITS : mm		SHEET 1 OF 3	
SCALE 5 : 1		REV.	
		A	
DRAWER <i>Shaw Sheng Shiu</i>		NAME <i>OpnLight</i> 日亮電子科技有限公司 <i>Sun-Light Electronic Technologies Inc.</i>	
CHECK <i>Shaw Sheng Shiu</i>		10+Gbps 0.8mm (0.031") Pitch Board To Board Connectors Male-Female Stacking Height:7.0mm	
DESIGNED <i>Shaw Sheng Shiu</i>		PART NO.	
APPROVAL <i>Shaw Sheng Shiu</i>		DRAW NO.	

RoHS

REV.	DESCRIPTION	DATE
A1	加註尺寸	2020.7.10



PCB Layout For
Surface Mounting

NOTE

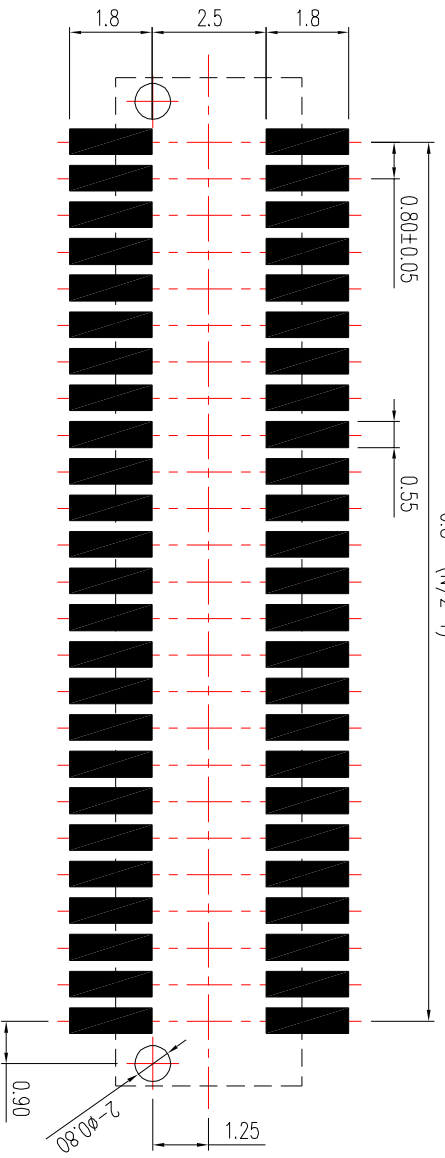
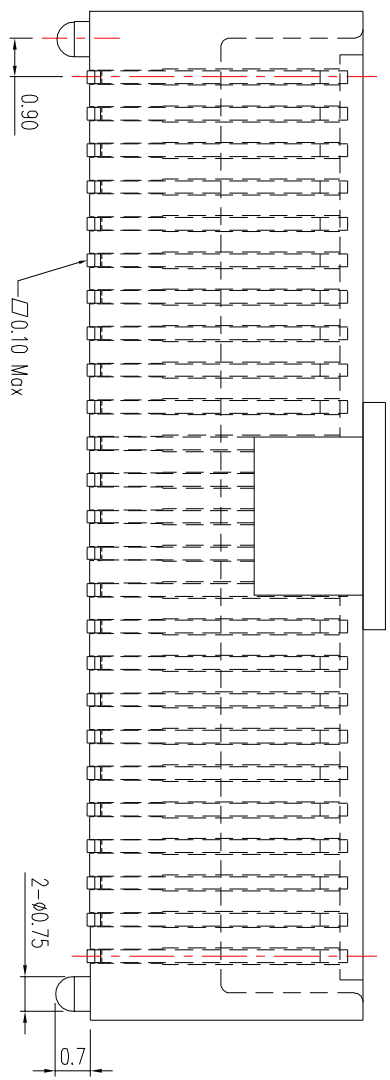
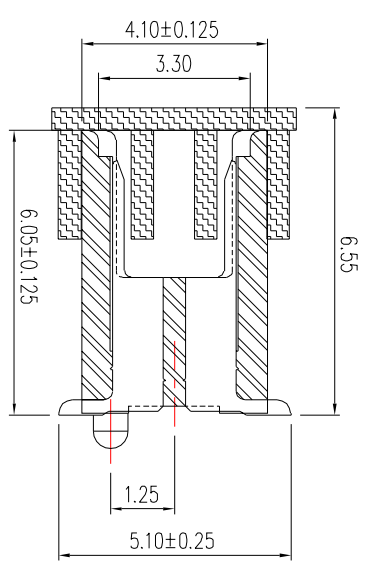
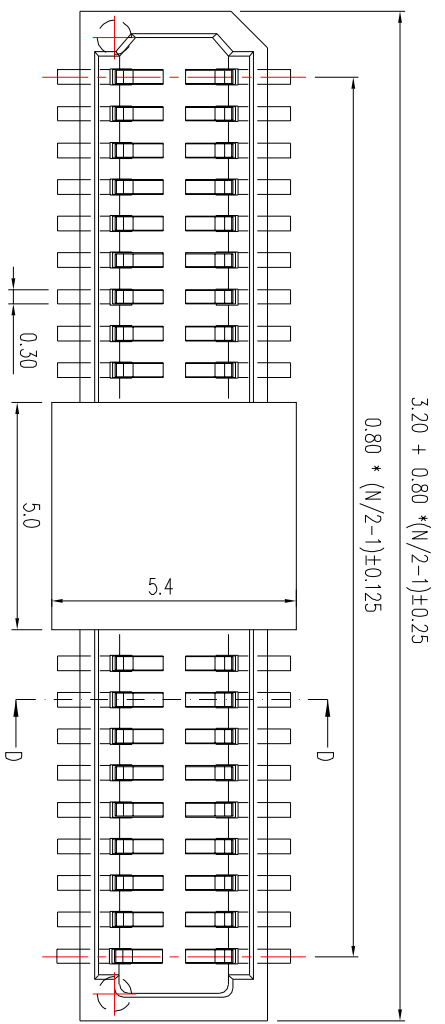
- A. Material:**
1. Housing : Nylon-9T Halogen Free, UL94V-0, Black
 2. Contact : Copper Alloy
 3. Cap : Nylon-9T Halogen Free, UL94V-0, Black
- B. Plating:** Gold plating
- C. Temperature:** -55° to 125°
- D. Electrical:**
1. Voltage : 100V.
 2. Current : 0.5A.
 3. Contact Resistance : 40m Ω max.
 4. Dielectric Withstanding Voltage : 500V AC / 1 min.
 5. Insulation Resistance : 100M Ω min.
- E. Available Pins :** 10~100 Contacts

TOLERANCE		DRAWER	
.X ±0.25	CHK	<i>Miao Sheng Shu</i>	NAME
.XX ±0.10	DESIGNED	<i>Miao Sheng Shu</i>	10+Chips 0.8mm (0.031") Pitch Board To Board
.XXX±0.05	APPROVAL	<i>Miao Sheng Shu</i>	Male Connectors H=3.55mm
	DATE	7/10/2020	PART NO.
	SCALE	6 : 1	ER08B7B-PAXXX
	SIZE	A4	REV.
			ER08B7B-PA
			SHEET 2 OF 3
			REV. A

RoHS

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

REV.	DESCRIPTION	DATE
A1	加註尺寸	2020.7.10



PCB Layout For Surface Mounting

ROHS

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

TOLERANCE		DRAWER	
X .±0.25		Checked	Shaw Sheng Shiu
.XX ±0.10		CHECK	Shaw Sheng Shiu
.XXX±0.05		DESIGNED	Shaw Sheng Shiu
		APPROVAL	Shaw Sheng Shiu
		DATE	7/10/2020
UNITS : mm		NAME	
SCALE 6 : 1		DPLight 日亮電子科技有限公司	
SIZE A4		Sun-Light Electronic Technologies Inc.	
SHEET 3 OF 3		PART NO. ER088TB-RDXXX	
REV. A		DRAW NO. ER088TB-RD	
		NAME	
		10+Chips 0.8mm (0.031") Pitch Board To Board	
		Female Connectors H=6.05mm	