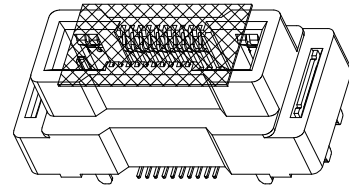
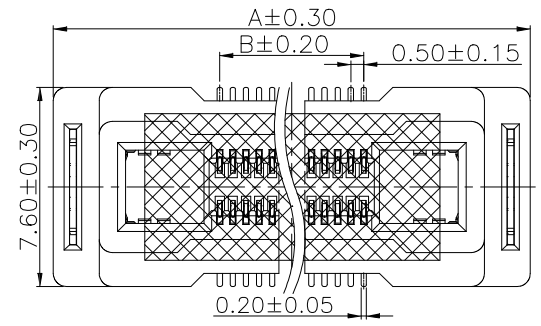


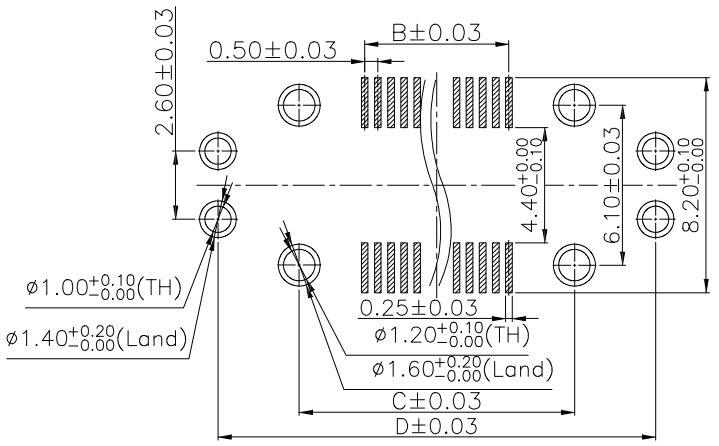
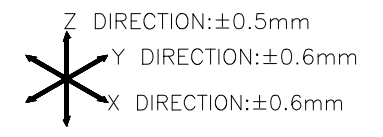
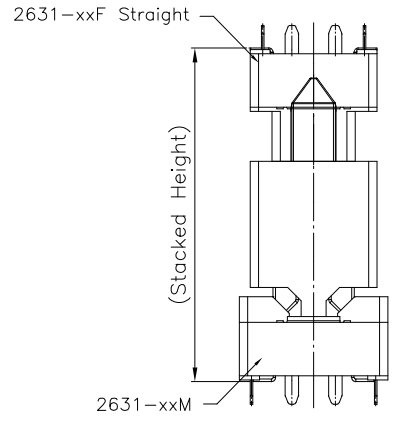
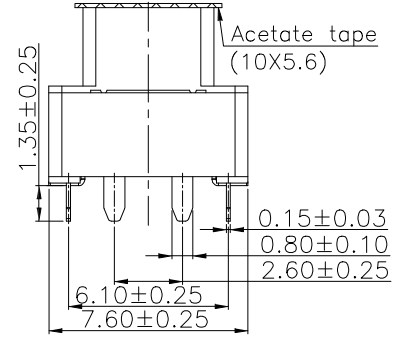
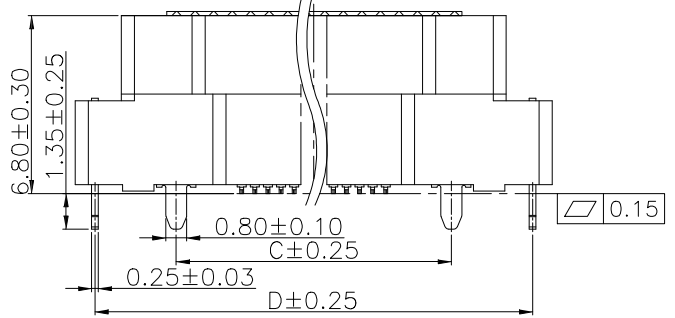
REV.	SPECIFICATION	ECN NO.	APPD.



**Material:**  
Housing: LCP, UL94V-0, Black.  
Contacts: C7025-TM03, Gold Plated on Contact Area and Gold Flash on Solder Tail over Nickel 50~100u".

**Electrical Characteristics:**  
Current Rating: 0.5A for Signal Pin  
3A for Power Pin.  
Dielectric Withstanding Voltage: AC 150V for Signal Pin.  
AC 600V for Power Pin.  
Insulation Resistance: 100MΩ min for Signal Pin.  
1000MΩ min for Power Pin.  
Contact Resistance: 70mΩ max for Signal Pin.  
20mΩ max for Power Pin.  
Operating Temperature: -55°C~+105°C.

**\*Data Rate: 8Gbps NRZ / 16Gbps PAM4**  
**\*RoHS Compliant**



Recommended P.C.Board Layout  
(Tolerance: ±0.05)

Series: 2631-xxF G 03 D 1 N T -S  
S: Mylar  
T: Tape & Reel Package  
F: Female  
N: Without Post  
G: Gold Plated  
Type 1  
03: 3u"  
D: SMD Type

Series	Code 1	Code 2		
2631-xxM	Y	8.20		
	Z	13.20		
Stacked Height with 2631-xxF Straight	20.0	15.0		
Positions	Dimension			
	A	B	C	D
2x10	17.20	4.50	9.50	15.70
2x20	22.20	9.50	14.50	20.70
2x30	27.20	14.50	19.50	25.70
2x40	32.20	19.50	24.50	30.70
2x50	37.20	24.50	29.50	35.70
2x60	42.20	29.50	34.50	40.70

Tolerances	Dwg. No.	S0420230707-02-U999
.x = ±0.30	Projection	
.x = ±0.25	Unit	mm
.xx = ±0.15	Scale	1:N
.xxx = ±0.10	Drawn By	Martin 11/14'23

Title: 2631 Series  
Pitch 0.5mm  
Female BTB Floating Connector  
SMD Type  
① 719A

OUPIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 2631-xxFG03D1NT-S			
SHEET	1/1	Ver.No.	X1-A