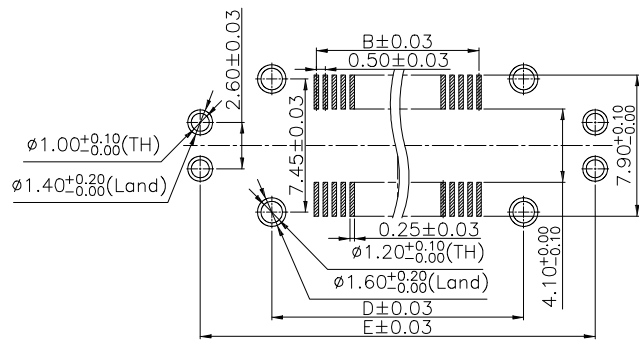
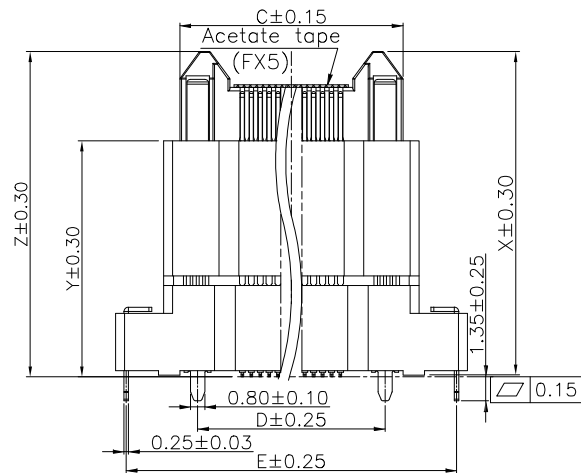
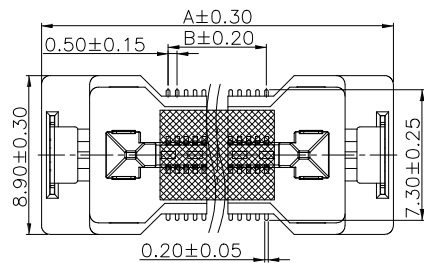
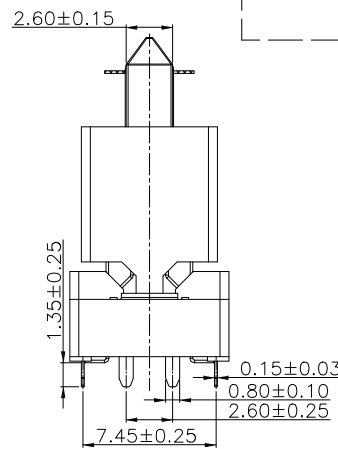
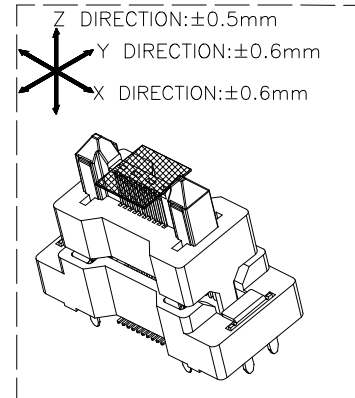




Recommended P.C.Board Layout
(Tolerance:±0.05)



2631- xx M xxx D 1 N x T -S
 Series Positions Male D:SMD Type
 S:Mylar
 T:Tape & Reel Package
 1: Code 1
 2: Code 2
 N:Without Post
 Type 1

G00: Gold Flash Plated
 G03: 3u" Gold Plated

Tolerances	Dwg. No.	S0420230707-01		
x. = ±0.30	Projection			
.x = ±0.25	Unit	mm	Scale	1:N
.xx = ±0.15	Drawn By	Martin 06/16'25		
.xxx = ±0.10				

Title: 2631 Series
 Pitch 0.5mm
 Male BTB Floating Connector
 SMD Type

REV.	SPECIFICATION	ECN NO.	APPD.

Material:

Housing: LCP, UL94V-0, Black.

Contacts: Cu-Ni-Si Alloy.

G00:

Signal Contacts: Gold Flash on Contact Area and Gold Flash on Solder Tail over Nickel 50~100u".

Power Contacts: Gold Flash on Contact Area and Gold Flash on Solder Tail over Nickel 50~100u".

G03:

Signal Contacts: 3u" Gold Plated on Contact Area and Gold Flash on Solder Tail over Nickel 50~100u".

Power Contacts: 3u" Gold Plated on contact Area and 80~160u" Matte Tin Plated on Solder Tail over Nickel 50~100u".

Solder Tab: Brass, 80~160u" Matte Tin Plated over Nickel.

Electrical Characteristics:

Current Rating: 0.5A for single Pin

3A for Power Pin.

Dielectric Withstanding Voltage: AC 150V for Single Pin.

AC 600V for Power Pin.

Insulation Resistance: 100MΩ min for Single Pin.

1000MΩ min for Power Pin.

Contact Resistance: 70mΩ max for Single Pin.

20mΩ max for Power Pin.

Operating Temperature: -55°C~+105°C.

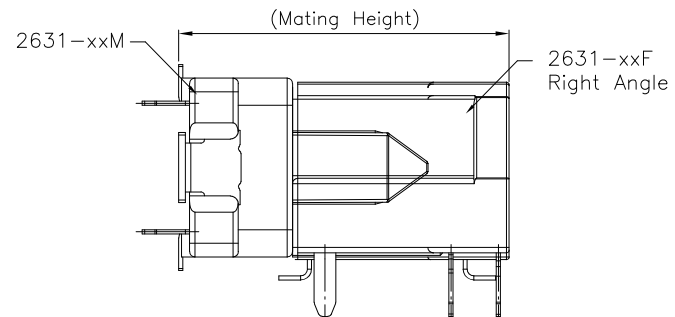
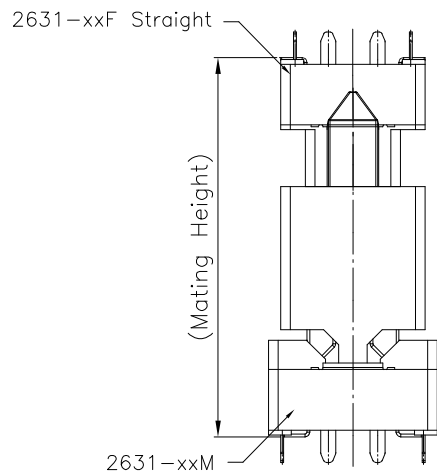
*RoHS Compliant

Series	Code 1	Code 2
2631-xxM, Type1	X	18.10
	Y	13.20
	Z	18.20

Positions	Dimension					
	A	B	C	D	E	F
20	18.70	4.50	11.50	9.50	17.50	5.0
40	23.70	9.50	16.50	14.50	22.50	10.0
60	28.70	14.50	21.50	19.50	27.50	10.0
80	33.70	19.50	26.50	24.50	32.50	10.0
100	38.70	24.50	31.50	29.50	37.50	10.0
120	43.70	29.50	36.50	34.50	42.50	10.0

OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 2631-xxMxxxD1NxT-S			
SHEET	1/2	Ver.No.	X3

REV.	SPECIFICATION	ECN NO.	APPD.



2631-xxM Height	Type 1			
	Code 1		Code 2	
	18.2		13.2	
2631-xxF Height	Type 1	Type 2	Type 1	Type 2
	6.8	5.8	6.8	5.8
Mating Height	20	19	15	14

2631-xxM	Type 1	
2361-xxF R/A	Code 1	Code 2
Mating Height	21.4	16.3

Tolerances	Dwg. No.	S0420230707-01		Title: 2631 Series Pitch 0.5mm Male BTB Floating Connector SMD Type	 OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.						
x. = ±0.30 .x = ±0.25 .xx = ±0.15 .xxx = ±0.10	Projection				P/N: 2631-xxMxxxD1NxT-S						
	Unit	mm	Scale		1:N	SHEET			2/2	Ver. No.	X3
	Drawn By	Martin 06/16'25									
					① 719A						