

## NOTE:

## 1.MATERIAL:

1.1 HOUSING:PA4T, UL94V-0, HALOGEN FREE

1.2 CONTACT PIN:COPPY ALLOY

1.3 SOLDER TAB:COPPY ALLOY

## 2.FINISH:

2.1 CONTACT PIN:FINISH PLATING REFER TO ORDERING CODE

2.2 SOLDER TAB: TIN PLATED

## 3.ELECTRICAL CHARACTERISTICS

RATING CURRENT: 1.0A AC/DC

RATING VOLTAGE: 100V AC/DC

OPERATING TEMPERATURE: -40°C~+105°C

4.MATE WITH RECEPTACLE:AFCI 10164367

5.PARTS MEET REFLOW APPLICATION PEAK TEM. 260°C, 10s MAX.

6.ORDERING CODE:10164366-X XX X X LF

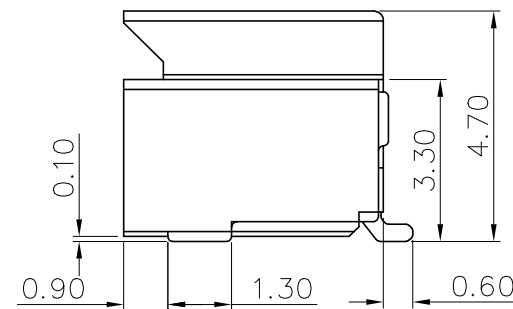
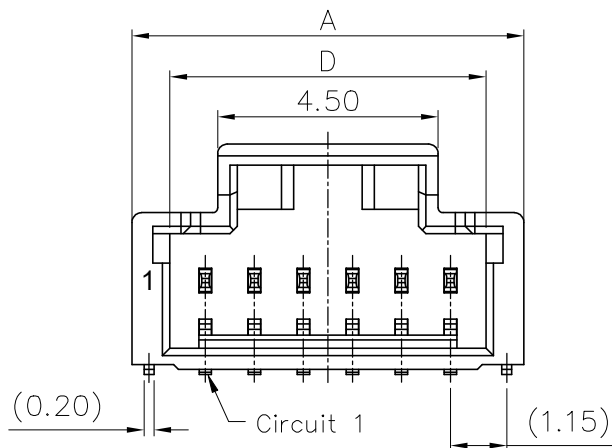
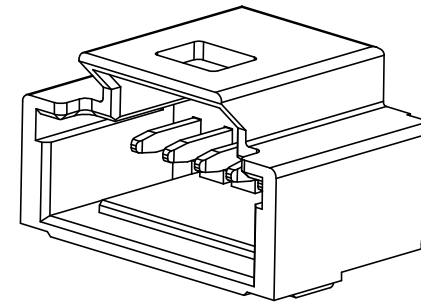
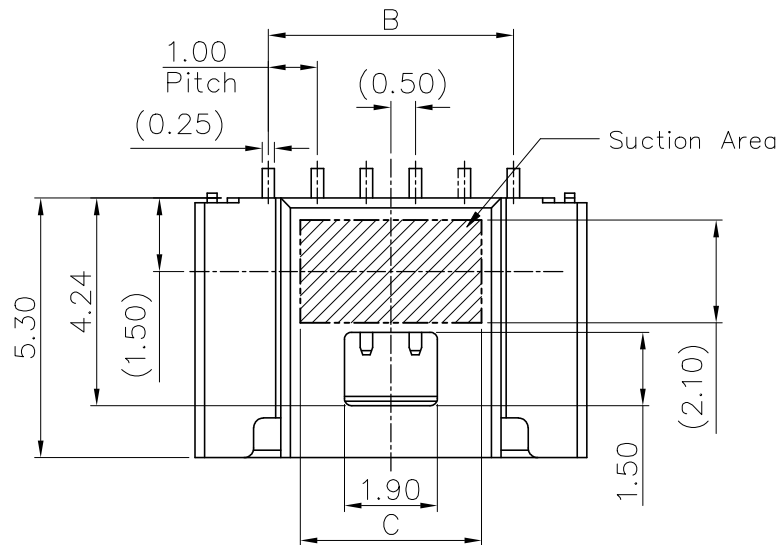
COLOR  
0:NATURAL  
1:BLACKNO. OF PINS  
02~15:02~15 PINSPACKAGE  
1:TAPE&REELCONTACT FINISH  
1:MATTE TIN2: CONTACT AREA GOLD 15u" MIN  
+SOLDER AREA GOLD FLASH3: CONTACT AREA GOLD 30u" MIN  
+SOLDER AREA GOLD FLASH

4: GOLD FLASH OVER ALL

5: CONTACT AREA GOLD 30u" MIN  
+SOLDER AREA MATTE TIN

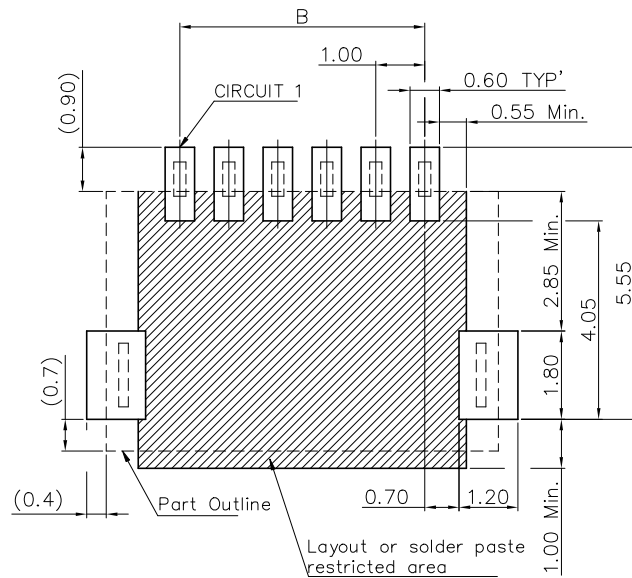
Part number	Dimensions (mm)			
	A	B	C	D
10164366-002X1LF	4.00	1.00	3.20	2.45
10164366-003X1LF	5.00	2.00	4.20	3.45
10164366-004X1LF	6.00	3.00	5.20	4.45
10164366-005X1LF	7.00	4.00	6.20	5.45

mat'l. code				surface	tolerance	projection	product family		
				ISO 1302	ISO 406/ISO 1101		FITMATE		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
A	New Release	JH	2025/01/10	angles	.0±.5	mm	1.00mm pitch connector header R/A		
				linear	.00±.25				
				0°±2°	.000±.10	scale 1:1			
				dr	Jeffrey.Huang	-	dwg no		
				engr	Jeffrey.Huang	-	sheet 1 of 3		
				chr	TIM YAO	-	10164366		
				appd	TIM YAO	-	A4		
sheet index	revision	A					type		
	sheet	1~3					Product Customer Drawing		

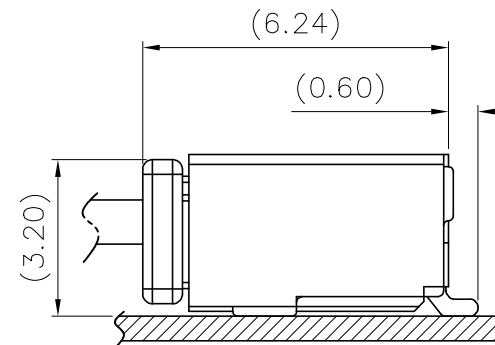
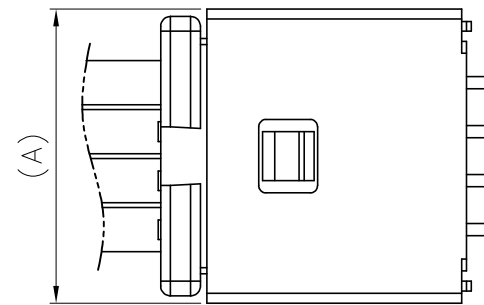


Part number	Dimensions (mm)				Part number	Dimensions (mm)			
	A	B	C	D		A	B	C	D
10164366-006X1LF	8.00	5.00	3.70	6.45	10164366-011X1LF	13.00	10.00	3.70	11.45
10164366-007X1LF	9.00	6.00	3.70	7.45	10164366-012X1LF	14.00	11.00	3.70	12.45
10164366-008X1LF	10.00	7.00	3.70	8.45	10164366-013X1LF	15.00	12.00	3.70	13.45
10164366-009X1LF	11.00	8.00	3.70	9.45	10164366-014X1LF	16.00	13.00	3.70	14.45
10164366-010X1LF	12.00	9.00	3.70	10.45	10164366-015X1LF	17.00	14.00	3.70	15.45

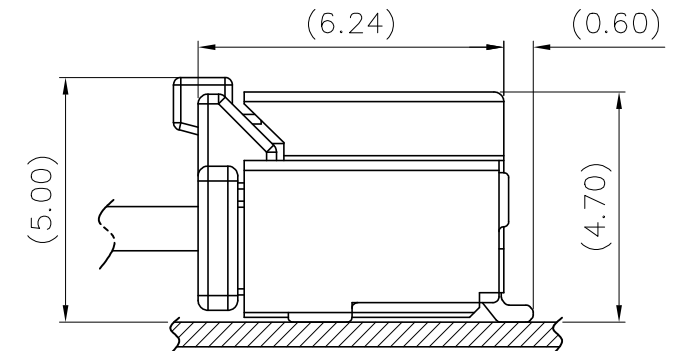
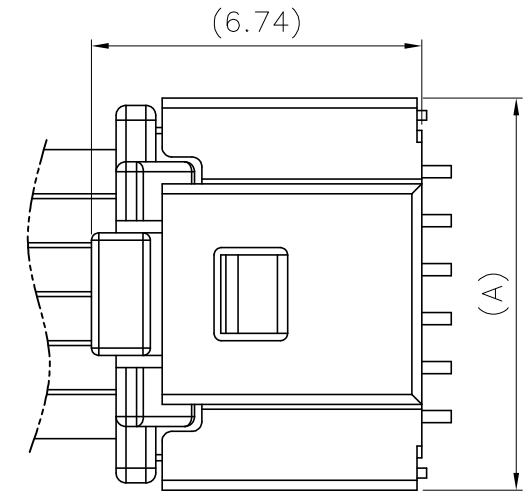
mat'l. code				surface	tolerance	projection	product family		
ltr				ISO 1302	ISO 406/ISO 1101		FITMATE		
ecn no				tolerances unless otherwise specified		mm	title		
A				angles	linear		1.00mm pitch connector header R/A		
				0°±2°	.0±.5	scale 1:1	dwg no		
					.00±.25		sheet2 of 3		
				dr	Jeffrey.Huang	Amphenol FCI	10164366		
				engr	Jeffrey.Huang		A4		
				chr	TIM YAO	type	Product Customer Drawing		
				appd	TIM YAO				
sheet index	revision	A							
	sheet	1~3							






Recommended PCB Layout  
General Tolerance:  $\pm 0.05$



Mated view (02~05pos)



Mated view (06~15pos)

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406/ISO 1101		projection 		product family FITMATE					
ltr ecn no dr date				tolerances unless otherwise specified						title					
A				angles		linear				1.00mm pitch connector header R/A					
						.0±.5									
						.00±.25									
				0°±2°		.000±.10		scale 1:1							
				dr		Jeffrey.Huang				dwg no			sheet 3 of 3		size
				engr		Jeffrey.Huang				10164366			A4		
				chr		TIM YAO									
				appd		TIM YAO									
sheet index		revision sheet		A 1~3											