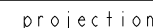


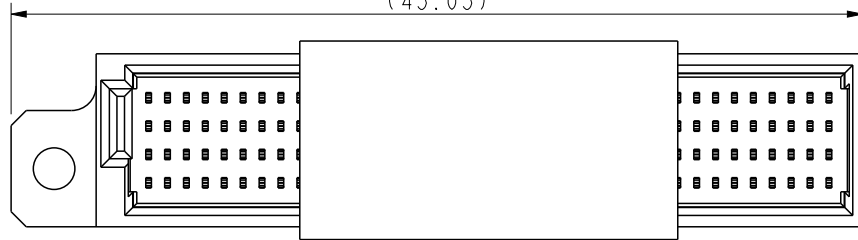
NOTES:

1. MATERIAL:
 - 1.1 HOUSING: THERMOPLASTIC
 - 1.2 TERMINAL: COPPER ALLOY
2. PLATING: 1-3 μ m NI UNDER PLATING;
 - 2.1 CONTACT AREA: ACCORDING TO PART NUMBER;
 - 2.2 SOLDER TAIL: ACCORDING TO PART NUMBER.
3. COPLANARITY AREA OF TERMINATION 0.10MM MAX
4. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A IR REFLOW SOLDERING APPLICATION

spec ref				dr	Li-Qing Lei	2022/03/08			mm	size	A3	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Tian-Yu Tang	2022/04/19			ecn no	-			
				chr	-	-			rel level	Released			
				appr	Tim Yao	2022/04/19			product family				
surface	linear	0.X	±0.25	Amphenol FCi	title Header 4Rows, VT 2H BTB Secure Connector			dwg no	10164939		rev	A	
		0.XX	±0.15										
		0.XXX	±0.10										
	angular	0°	±°	cat. no.	Product - Customer Drw			sheet 1 of 2					

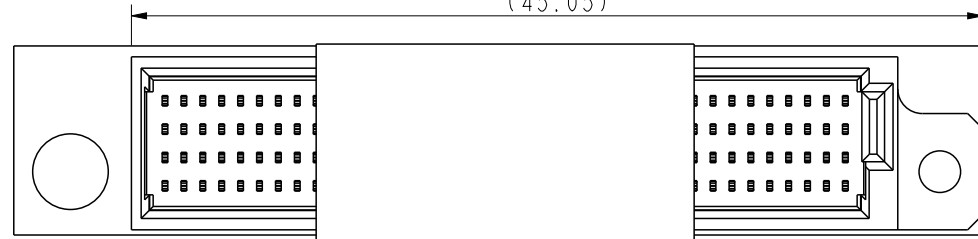
10164939-148XX11MF
WITH LEFT GUIDE AND LEFT SCREW HOLE

(45.05)



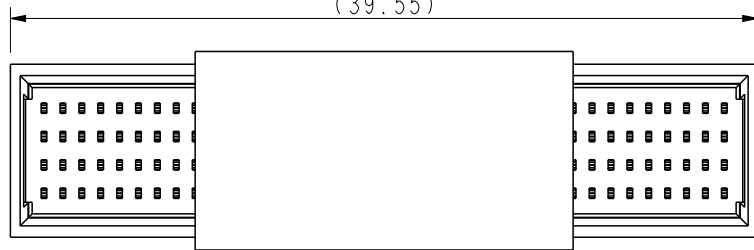
10164939-148XX22MF
WITH RIGHT GUIDE AND RIGHT SCREW HOLE

(45.05)



10164939-148XX00MF
WITHOUT GUIDE AND SCREW

(39.55)



PART NUMBER DESCRIPTION

PIN NUMBER 10164939-148XXXXXF

LEAD FREE

PICK UP FEATURE
L: WITHOUT MYLAR
M: WITH MYLAR

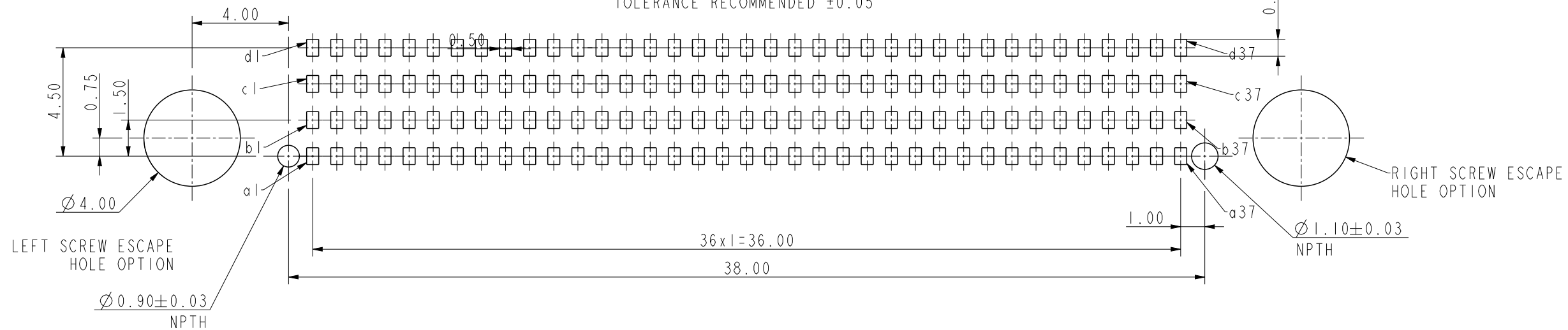
GUIDE OPTION
0: WITHOUT GUIDE;
1: WITH LEFT GUIDE;
2: WITH RIGHT GUIDE;
3: WITH BOTH GUIDES.

SCREW HOLE OPTION
0: WITHOUT SCREW HOLE;
1: WITH LEFT SCREW HOLE;
2: WITH RIGHT SCREW HOLE;
3: WITH BOTH SCREW HOLES.

PLATING OPTION:
CONTACT AREA;
1. 8u" GXT OR GOLD ON CONTACT AREA;
80-160u" TIN OR GOLD FLASH ON SOLDER TAIL;

FUNCTION OPTION
0. NOT ONE TIME;
1. ONLY ONE TIME.

PCB LAYOUT PROPOSAL
TOLERANCE RECOMMENDED ± 0.05



LEFT SCREW ESCAPE HOLE & RIGHT SCREW ESCAPE HOLE IS OPTIONAL BY CUSTOMER

spec ref				dr		Li-Qing Lei	2022/03/08		projection		mm		size		A3	scale		4:1						
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Tian-Yu Tang		2022/04/19						ecn no		-				
								chr		-		-												
								appr		Tim Yao		2022/04/19		product family						rel level		Released		
surface		linear		0.X		±0.25		Amphenol FCi		title						Header 4Rows, VT 2H		dwg no		10164939		rev		A
				0.XX		±0.15																		
				0.XXX		±0.10																		
		angular		0°		±°		cat. no.						Product - Customer Drw						sheet 2 of 2				