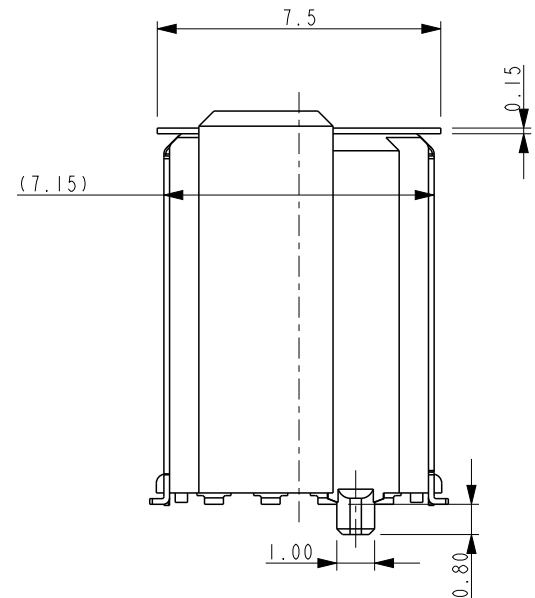
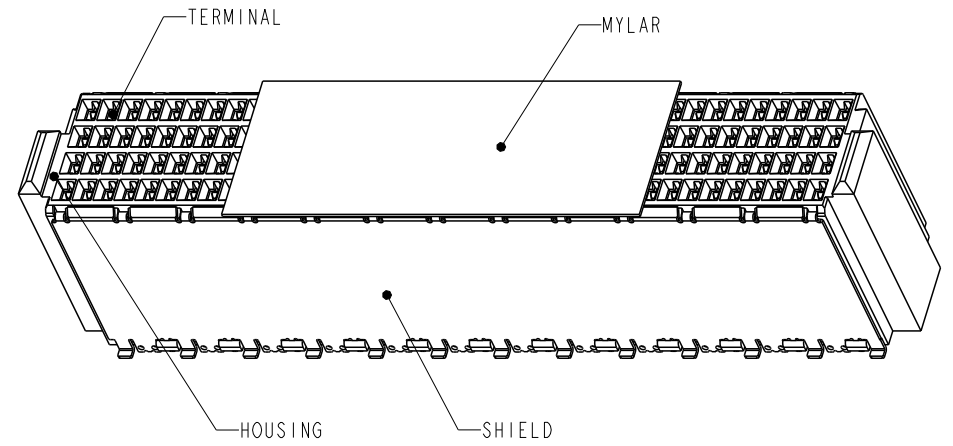
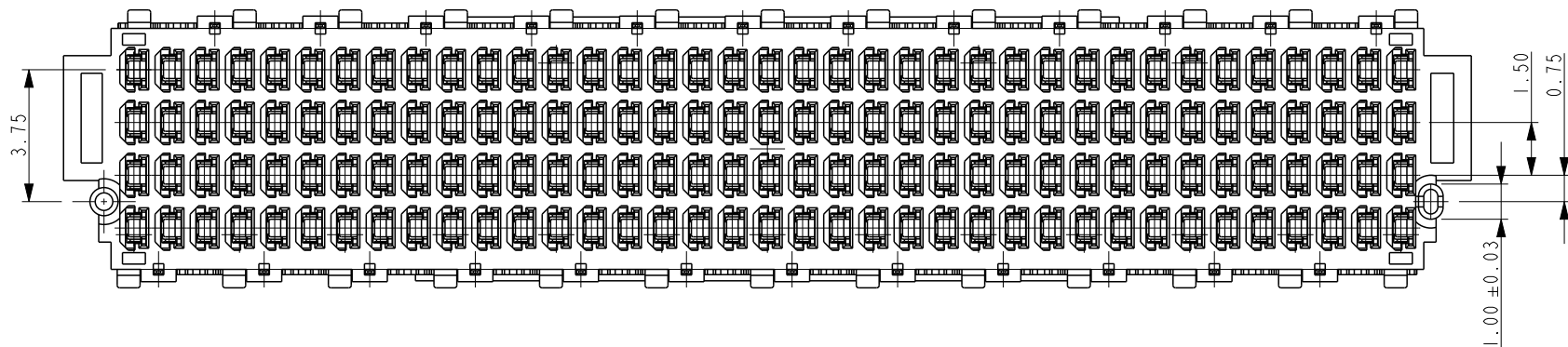
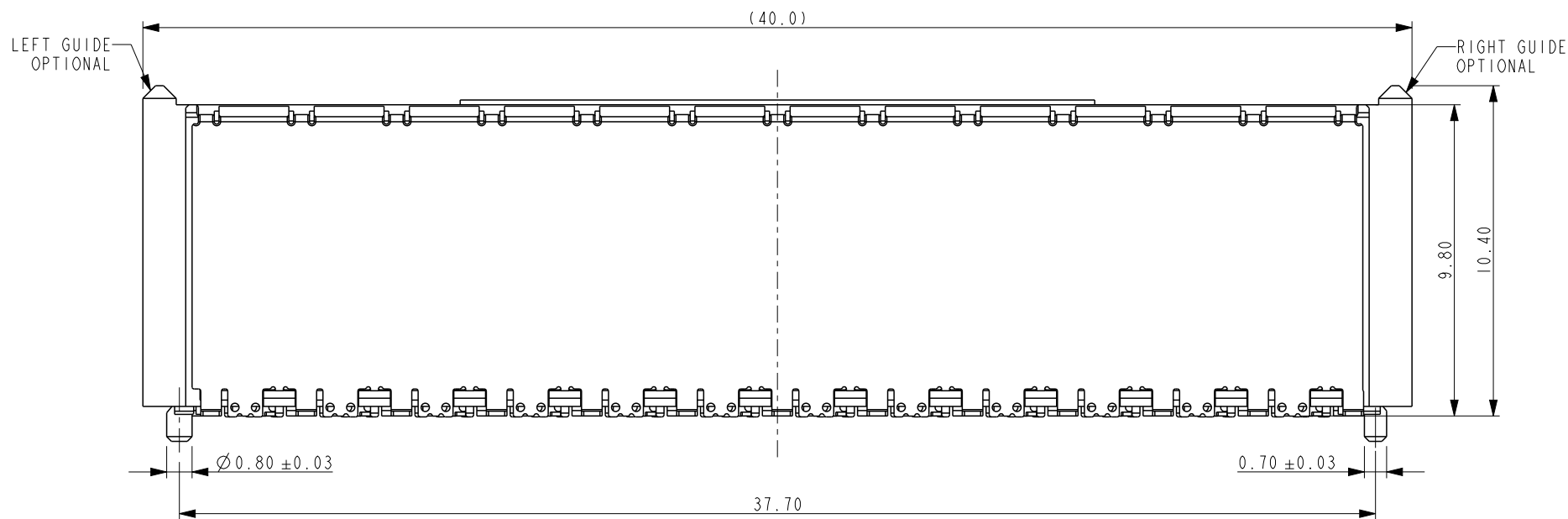
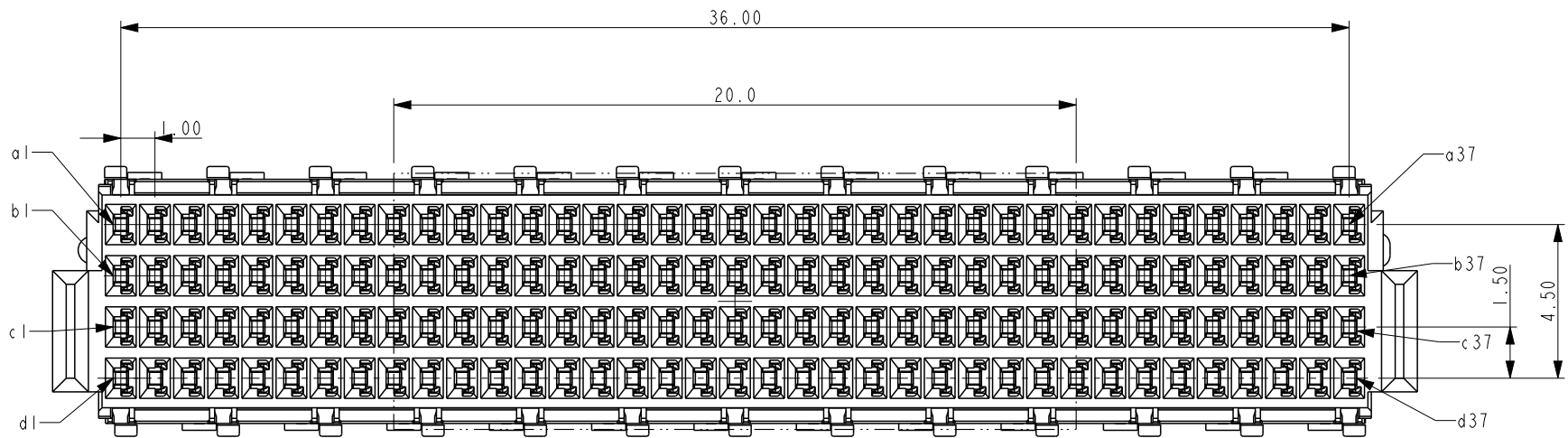
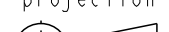


PRODUCT NO.
10160931-148X00XMF



- NOTES:
1. MATERIAL:
 - 1.1 HOUSING: THERMOPLASTIC
 - 1.2 TERMINAL AND SHIELD: COPPER ALLOY
 2. PLATING: 1-3µm 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	Hao-Liang Sun	2021/03/11			size	A3	scale	5:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Li-Qing Lei	2022/06/22			ecn no	ELX-N-45134-1			
				chr	-	-							
				appr	Tim Yao	2022/07/01							product family
surface  ASME Y14.5	linear	0.X	±0.25	Amphenol FCi	title	Receptacle 4 ROWS, VT 10H BTB Secure Connector			dwg no	10160931		rev	C
		0.XX	±0.15										
		0.XXX	±0.10										
	angular	0°	±2°		cat. no.	Product - Customer Drw				sheet 1 of 2			

A

B

C

D

A

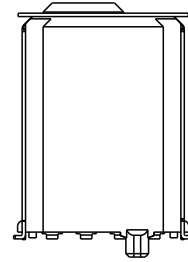
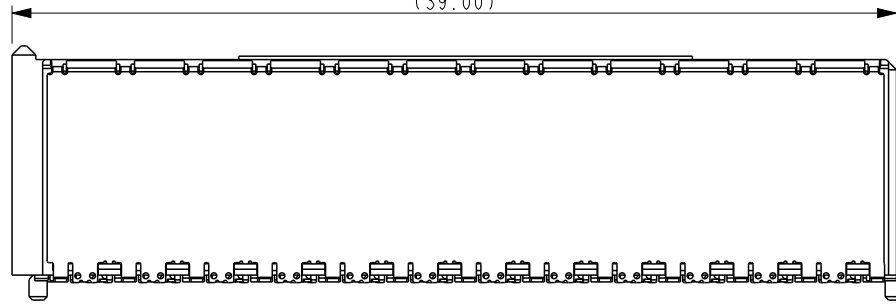
B

C

D

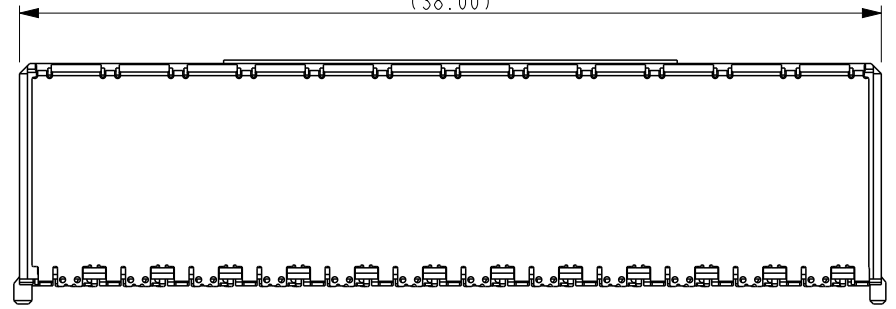
10160931-148X001MF
WITH LEFT GUIDE

(39.00)



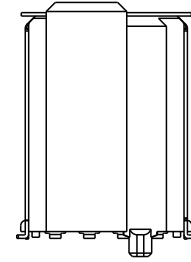
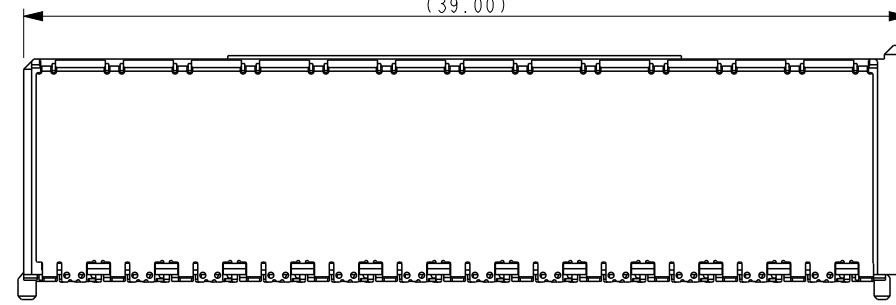
1016931-148X000MF
WITHOUT GUIDE

(38.00)



10160931-148X002MF
WITH RIGHT GUIDE

(39.00)



PART NUMBER DESCRIPTION

10160931-148X00XXF

PIN NUMBER

LEAD FREE

PLATING OPTION:

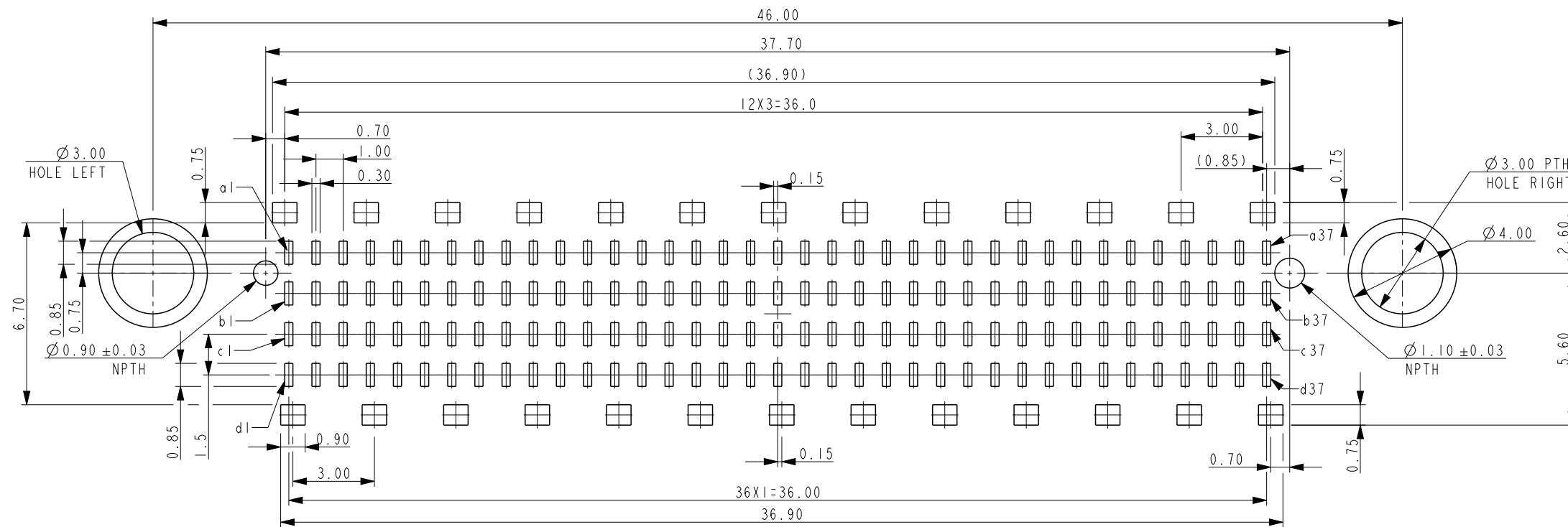
CONTACT AREA AND SOLDER TAIL;
1. 8u" GXT OR GOLD ON CONTACT AREA;
80-160u" TIN OR GOLD FLASH ON
SOLDER TAIL;

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.

PCB LAYOUT PROPOSAL
TOLERANCE RECOMMENDED ± 0.05



HOLE LEFT & HOLE RIGHT ARE PERFORMED HOLE FOR SCREW WHEN NEEDED.

spec ref *				dr	Hao-Liang Sun	2021/03/11	projection	mm	size	A3	scale	5:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Li-Qing Lei	2022/06/22			ecn no	ELX-N-45134-1			
				chr	-	-							
				appr	Tim Yao	2022/07/01			product family				rel level
surface ✓	linear	0.X	±0.25	Amphenol FCi	title				dwg no	10160931		rev	C
		0.XX	±0.15										
		0.XXX	±0.10										
	ASME Y14.5	angular	0°	±2°	cat. no.		Product - Customer Drw				sheet 2 of 2		
					Receptacle 4 ROWS, VT 10H								
					BTB Secure Connector								