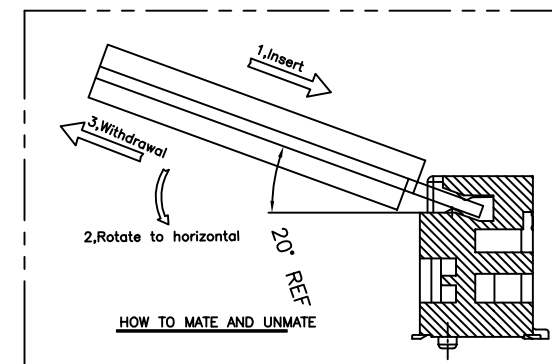
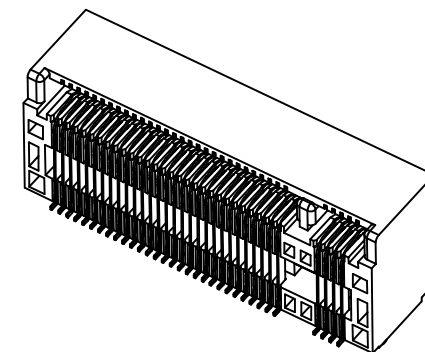
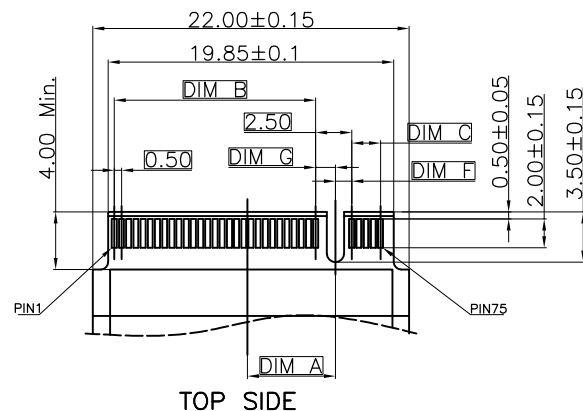


ALL SOLDER TAIL  
& FITTING NAIL

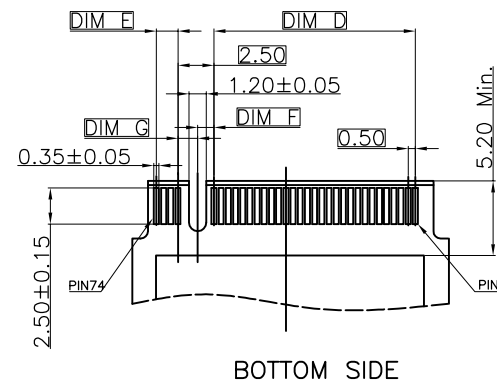
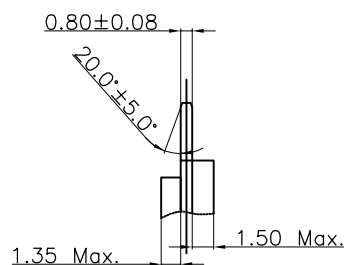
SECTION A-A



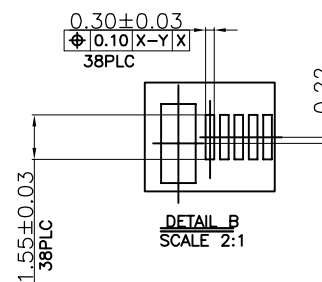
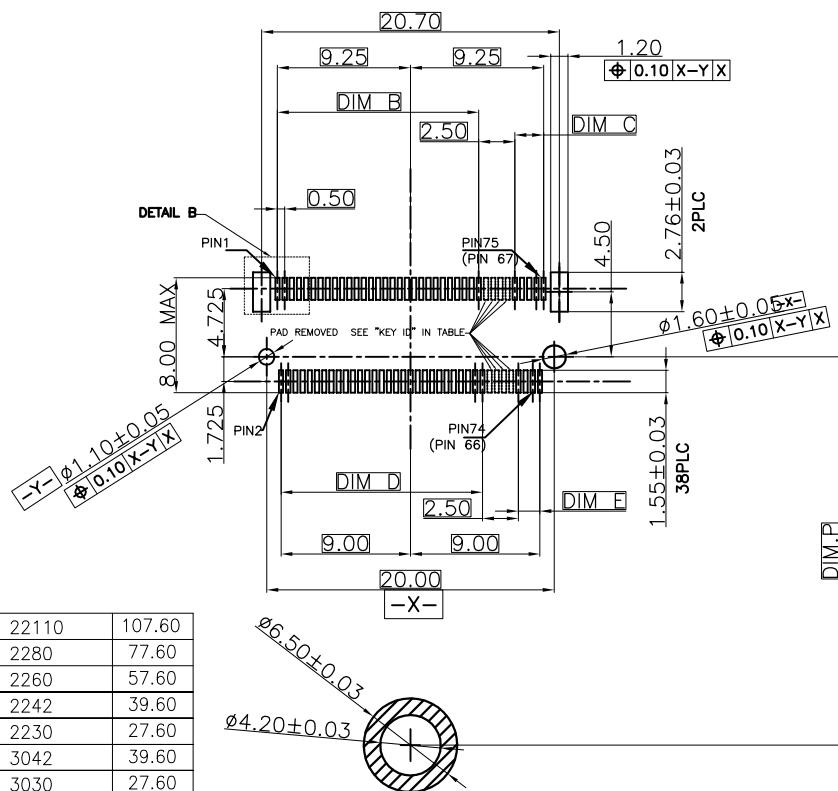
mat'l. code				surface	tolerance	projection	product family	
-				-	ASME_Y14.5	⊕	M.2	
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title	
B	ELX-48669	WZ	2023-11-23	angles	.0±0.30		M.2_CONNECTOR_GEN4	
				linear	.00±0.20		RA_H8.5	
				±2°	.000±0.10	scale N/A	dwg no	
				dr	WINSTON_ZHU	Amphenol FCi	sheet 1 of 3	
				engr	WINSTON_ZHU		10154478	
				chr			size	
				appd	HEAVEN_CEN		A4	
sheet	revision	c					type	
index	sheet						CUSTOMER Drawing	





PLUG PCB



## RECOMMENDED PCB LAYOUT



Pin 59–66	1.375	1.125	1.5	14.0	2.0	14.0	6.125	M
Pin 55–62	1.375	1.125	2.5	13.0	3.0	13.0	5.125	L
Pin 51–58	1.375	1.125	3.5	12.0	4.0	12.0	4.125	K
Pin 47–54	1.375	1.125	4.5	11.0	5.0	11.0	3.125	J
Pin 43–50	1.375	1.125	5.5	10.0	6.0	10.0	2.125	H
Pin 39–46	1.375	1.125	6.5	9.0	7.0	9.0	1.125	G
Pin 28–35	1.125	1.375	9.5	6.0	9.5	6.5	–1.625	F
Pin 24–31	1.125	1.375	10.5	5.0	10.5	5.5	–2.625	E
Pin 20–27	1.125	1.375	11.5	4.0	11.5	4.5	–3.625	D
Pin 16–23	1.125	1.375	12.5	3.0	12.5	3.5	–4.625	C
Pin 12–19	1.125	1.375	13.5	2.0	13.5	2.5	–5.625	B
Pin 8–15	1.125	1.375	14.5	1.0	14.5	1.5	–6.625	A
PAD REMOVED	DIM. G	DIM. F	DIM. E	DIM. D	DIM. C	DIM. B	DIM. A	KEY ID

mat'l. code					surface		tolerance		projection		product family														
-					-		ASME_Y14.5				M.2														
ltr ecn no dr date					tolerances unless otherwise specified									title											
					angles		linear		.0±0.30		M.2_CONNECTOR_GEN4 RA_H8.5														
							.00±0.20																		
					±2°		.000±0.10																		
					dr		WINSTON_ZHU		2023-11-23		Amphenol FCi		dwg no					sheet 2 of 3					size		
					engr		WINSTON_ZHU		2023-11-23				10154478					A4							
					chr																				
					appd		HEAVEN_CEN		2023-11-23				type										CUSTOMER Drawing		
sheet index			revision sheet		c																				

## NOTES:

1. MATERIAL :
  - 1.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94-V0, COLOR: SEE PART NO.
  - 1.2 CONTACT: COPPER ALLOY
  - 1.3 FITTING NAIL: COPPER ALLOY
2. FINISH :
  - 2.1 CONTACT  
[SEE TABLE] GOLD PLATING ON THE CONTACT AREA.  
GOLD FLASH PLATING ON THE SOLDERING AREA.  
1.27um~2.54um [50u"~100u"] MIN. NICKEL UNDERPLATING OVERALL.
  - 2.2 FITTING NAIL  
100u" MIN. MATTE-TIN PLATING ON THE SOLDERING AREA.  
50u" MIN. NICKEL UNDERPLATING OVERALL.
3. DATE CODE : YYWDLX  
YY : YEAR (19: 2019)  
WW : WEEK (34: 34TH WEEK)  
D : DAY (1~7: SUNDAY~SATURDAY)  
L : LINE NUMBER OF ASSEMBLY (A: LINE A)  
X : D OR N (D: DAY, N: NIGHT)
4. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS  
IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
5. PRODUCTOR SPECIFICATION: GS-12-1195.

PART NO.:

10154478 - 067 X X X X LF

67 CONTACTS

LEAD FREE

PACKING OPTIONS

R: TAPE & REEL(44mm, CARD SLOT FORWARD)  
B: TAPE & REEL(44mm, CARD SLOT BACKWARD)  
P: TAPE & REEL(32mm, CARD SLOT FORWARD)  
Z: TAPE & REEL(32mm, CARD SLOT BACKWARD)

HOUSING COLOR  
BLANK: BLACK  
0: NATURAL

KEY ID OPTIONS  
A, B, C, D, E, F  
G, H, J, K, L, M

CONTACT AREA PLATING

2: GOLD FLASH  
C: 15u" GOLD  
D: 30u" GOLD

mat'l. code				surface	tolerance	projection	product family			
-				-	ASME_Y14.5		M.2			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
				angles	.0±0.30	MM	M.2_CONNECTOR_GEN4			
				±2'	.00±0.20	scale N/A	RA_H8.5			
				dr	WINSTON_ZHU 2023-11-23	Amphenol FCi	dwg no		sheet 3 of 3	size
				engr	WINSTON_ZHU 2023-11-23		10154478			A4
				chr			type			
				appd	HEAVEN_CEN 2023-11-23		CUSTOMER Drawing			
sheet index	revision sheet	c								