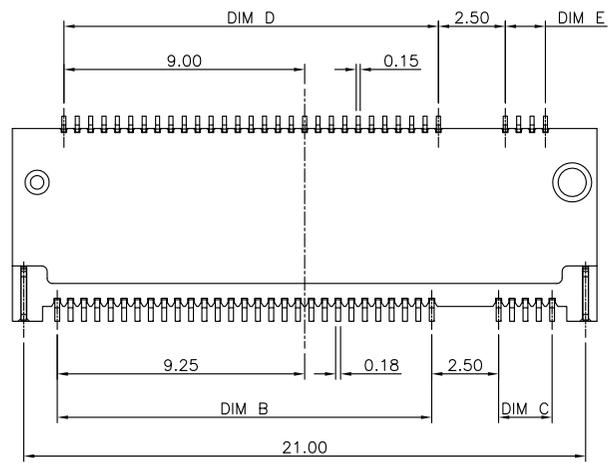


SECTION A-A



SPECIFICATION:

1. Current Rating: 0.5A
2. Voltage Rating: 50V DC
3. Contact Resistance: 55mΩ max.
4. Insulation Resistance: 500MΩ Min.
5. Dielectric Withstanding Voltage : 300VAC
6. Durability : 60 Cycle
7. Storage Temperature Range : -40°C~+85°C
8. Operating Temperature Range : -40°C~+85°C
9. Recommended IR Reflow Temperature : 260°C

NOTE 1 :

1. PRODUCT No : CX4-M22 X 4 -21

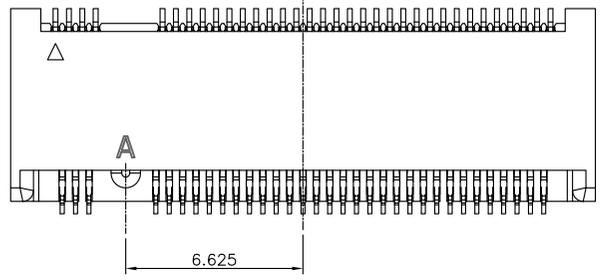
A : KEY A
 B : KEY B
 E : KEY E
 M : KEY M

DIM G	1.125	1.125	1.125	1.375
DIM F	1.375	1.375	1.375	1.125
DIM E	14.5	13.5	10.5	1.5
DIM D	1.0	2.0	5.0	14.0
DIM C	14.5	13.5	10.5	2.0
DIM B	1.5	2.5	5.5	14.0
DIM A	-6.625	-5.625	-2.625	6.125
KEY NAME	KEY A	KEY B	KEY E	KEY M
PRODUCT No.	CX4-M22A4-21	CX4-M22B4-21	CX4-M22E4-21	CX4-M22M4-21

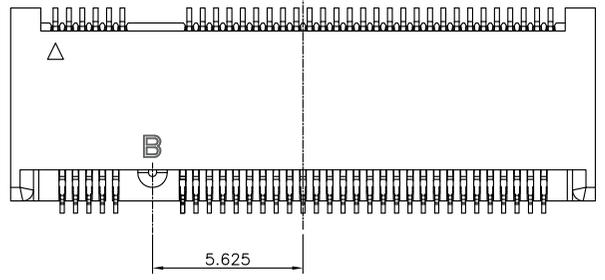
3	SOLDER PEG	Copper Alloy, Tin Plated all over Ni underplating
2	TERMINAL	Copper Alloy, Gold Plated On Contact Area Matte-Tin Plating On Solder Area
1	HOUSING	Hi-Tem Thermoplastic. UL94V-0 Black
NO.	PART NAME	DESCRIPTION

DIMENSIONS : mm		TOLERANCES UNLESS OTHERWISE SPECIFIED :		KUNMING ELECTRONICS CO.,LTD. NAME
		X.	± 0.30	
		X.X	± 0.20	M.2 Gen4 Horizontal, 0.5mm Pitch, 67Pin 2.25H
		X.XX	± 0.10	
		ANGLES	± 3°	
SCALE	1 : 1	DWN	JACK WU	20251124
SHEET	1/4	CHK	PETER WANG	20251124
SIZE	A4	APVD	SIMON LI	20251124
CUSTOMER DRAWING			PRODUCT NO. KMCX4M22X421	
			DRAWING NO.	

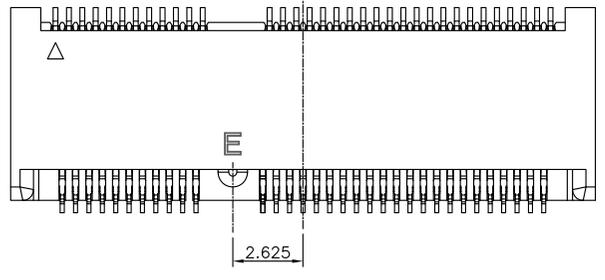
KEY A



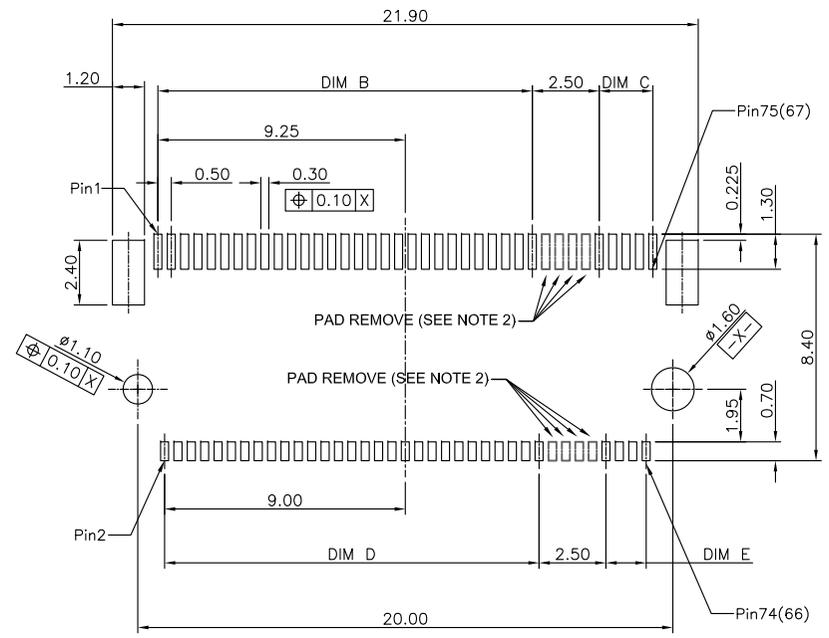
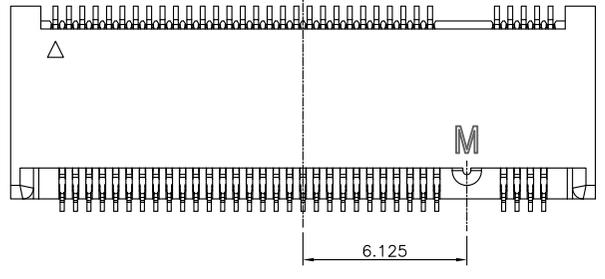
KEY B



KEY E



KEY M



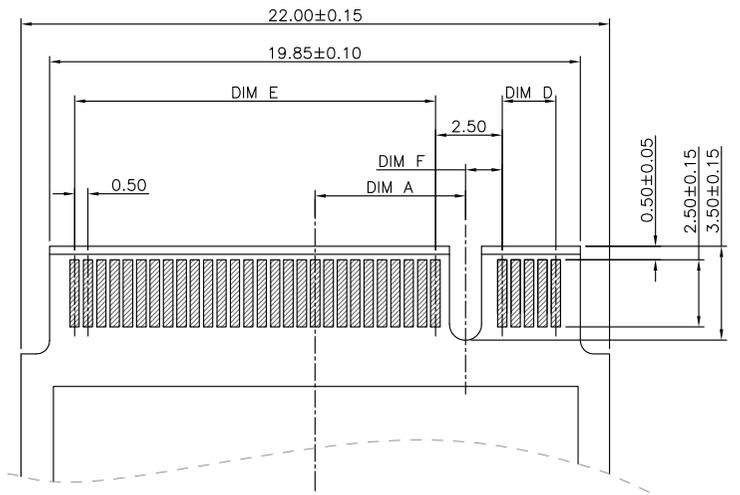
RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)
TOLERANCE: ±0.05

NOTE 2 :

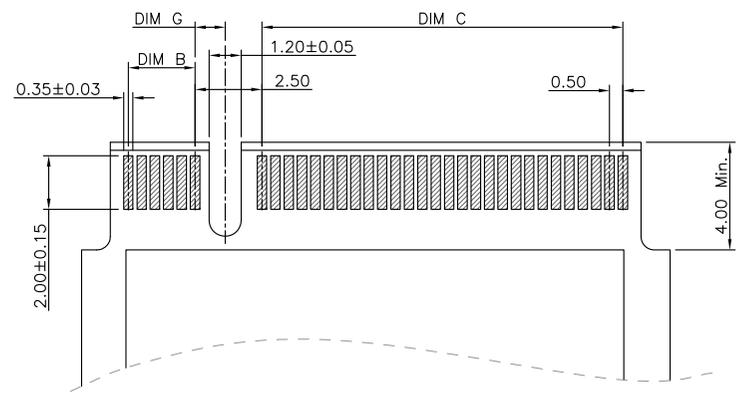
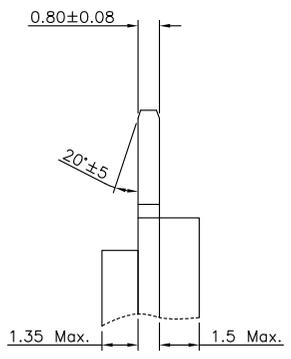
DIM E	14.5	13.5	13.5	1.5
DIM D	1.0	2.0	2.0	14.0
DIM C	14.5	13.5	13.5	2.0
DIM B	1.5	2.5	2.5	14.0
PAD REMOVED	PIN 08 - 15	PIN 12 - 19	PIN 24 - 31	PIN 59 - 66
KEY NAME	KEY A	KEY B	KEY E	KEY M
PRODUCT No.	CX4-M20A-171	CX4-M20AB-171	CX4-M20E-171	CX4-M20M-171

DIMENSIONS : mm	TOLERANCES UNLESS OTHERWISE SPECIFIED :	KUNMING ELECTRONICS CO.,LTD.
	X. ± 0.30 X.X ± 0.20 X.XX ± 0.10 ANGLES ± 3°	
SCALE 1 : 1	DWN JACK WU 20251124	NAME M.2 Gen4 Horizontal, 0.5mm Pitch,67Pin 2.25H
SHEET 2/4	CHK PETER WANG 20251124	
SIZE A4	APVD SIMON LI 20251124	PRODUCT NO. KMCX4M22X421
CUSTOMER DRAWING		DRAWING NO.

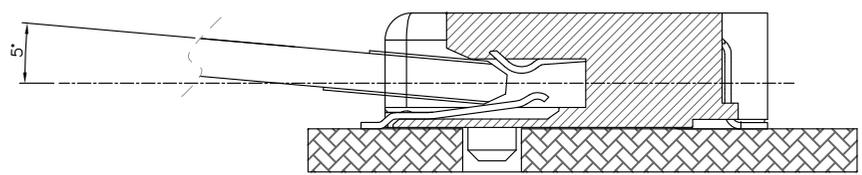
1	RELEASE	JACK WU	2025/11/24



BOTTOM SIDE



TOP SIDE

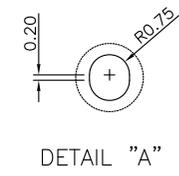
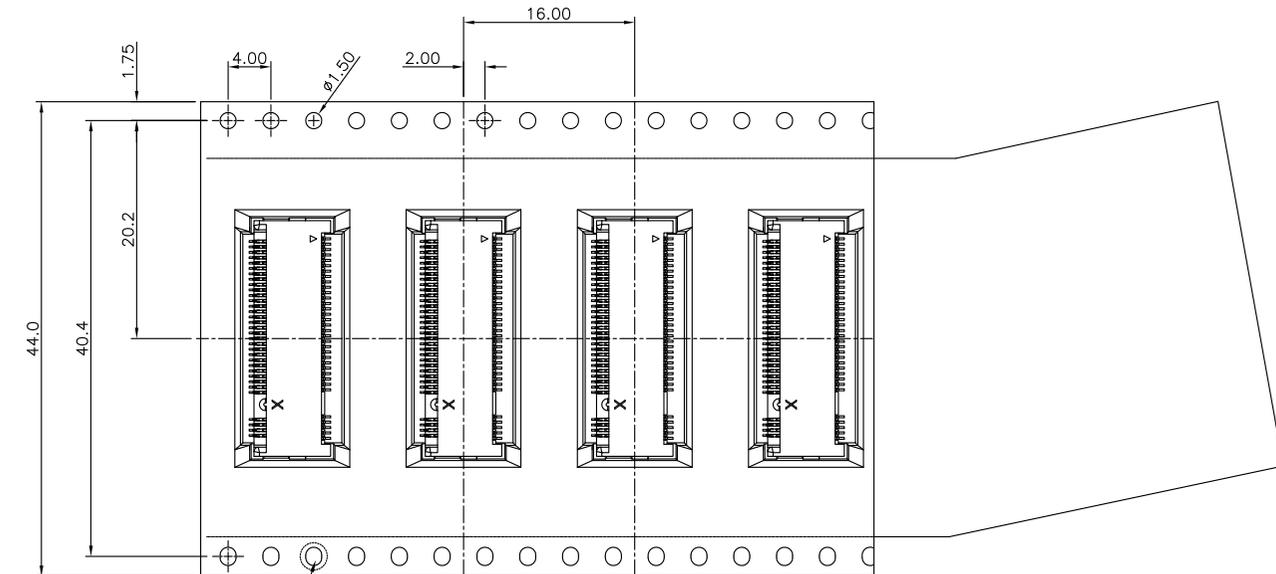
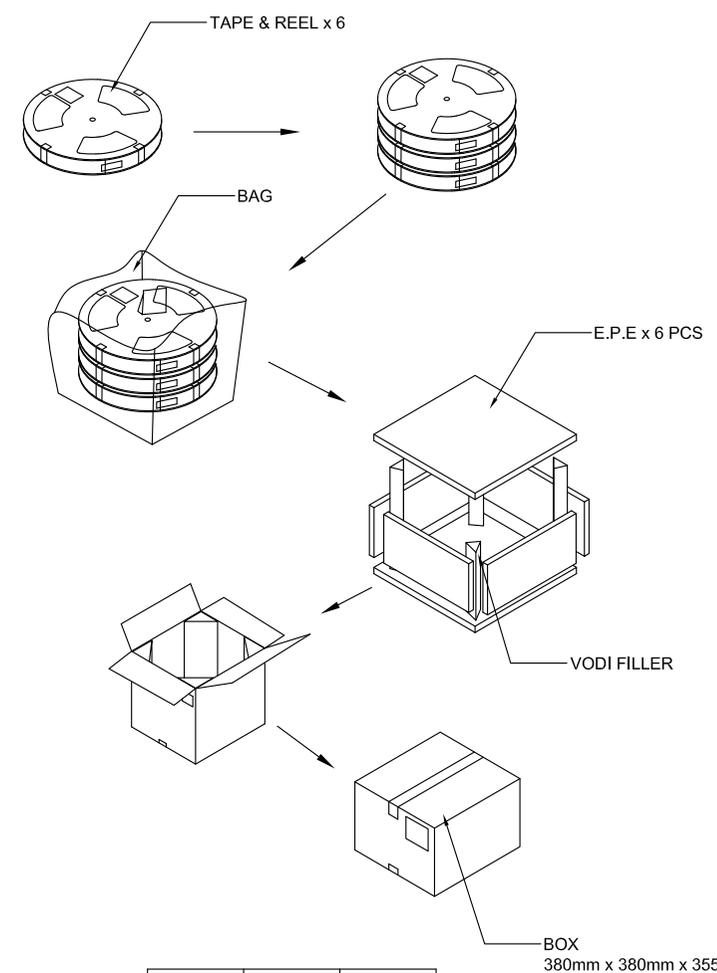
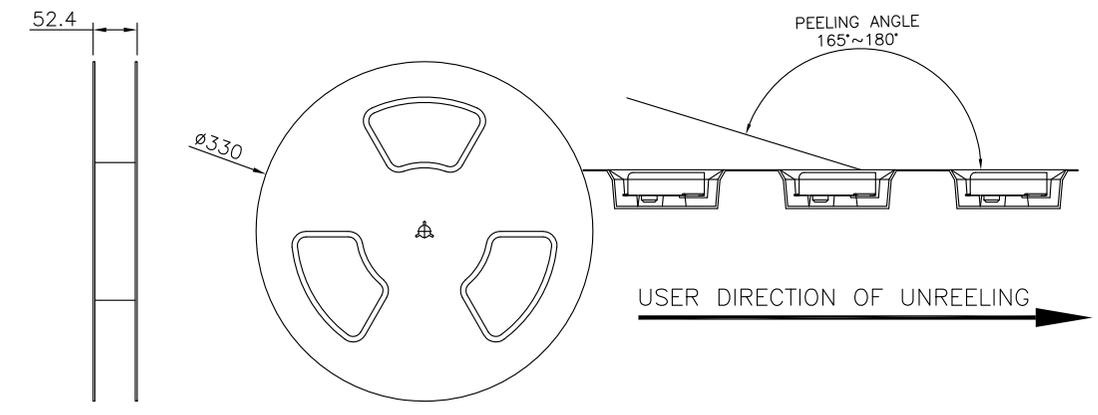


MATING SIMULATION

DIM G	1.125	1.125	1.125	1.375
DIM F	1.375	1.375	1.375	1.125
DIM E	14.5	13.5	10.5	1.5
DIM D	1.0	2.0	5.0	14.0
DIM C	14.5	13.5	10.5	2.0
DIM B	1.5	2.5	5.5	14.0
DIM A	6.625	5.625	2.625	-6.125
KEY NAME	KEY A	KEY B	KEY E	KEY M
PRODUCT No.	CX4-M20A-171	CX4-M20B-171	CX4-M20E-171	CX4-M20M-171

DIMENSIONS : mm	TOLERANCES UNLESS OTHERWISE SPECIFIED : X. ± 0.30 X.X ± 0.20 X.XX ± 0.10 ANGLES ± 3°	KUNMING ELECTRONICS CO.,LTD. NAME
SCALE 1 : 1	DWN JACK WU 20251124	
SHEET 3/4	CHK PETER WANG 20251124	M.2 Gen4 Horizontal, 0.5mm Pitch, 67Pin 2.25H
SIZE A4	APVD SIMON LI 20251124	PRODUCT NO. KMCX4M22X421
CUSTOMER DRAWING		DRAWING NO.

1	RELEASE	JACK WU	2025/11/24



1200	6	7200
PCS/ REEL	REEL/ BOX	PCS/ BOX

DIMENSIONS : mm	TOLERANCES UNLESS OTHERWISE SPECIFIED :
	X. ± 0.30
	X.X ± 0.20
	X.XX ± 0.10
	ANGLES ± 3°
SCALE 1 : 1	DWN JACK WU 20251124
SHEET 4/4	CHK PETER WANG 20251124
SIZE A4	APVD SIMON LI 20251124
CUSTOMER DRAWING	

KUNMING ELECTRONICS CO.,LTD.	
NAME	
M.2 Gen4 Horizontal, 0.5mm Pitch, 67Pin 2.25H	
PRODUCT NO.	KMCX4M22X421
DRAWING NO.	