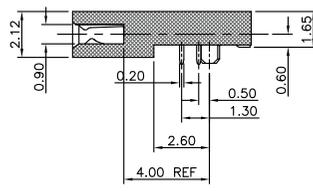
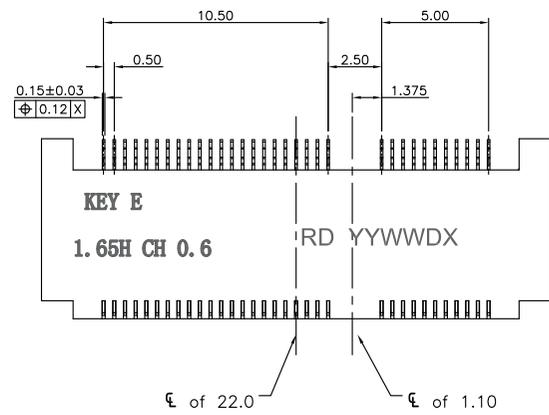
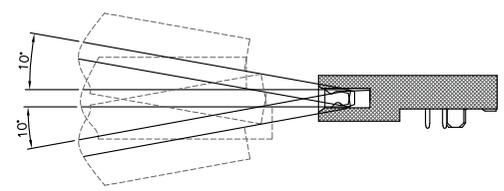
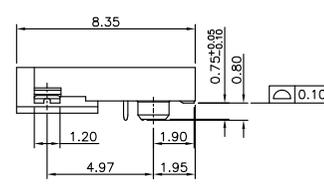
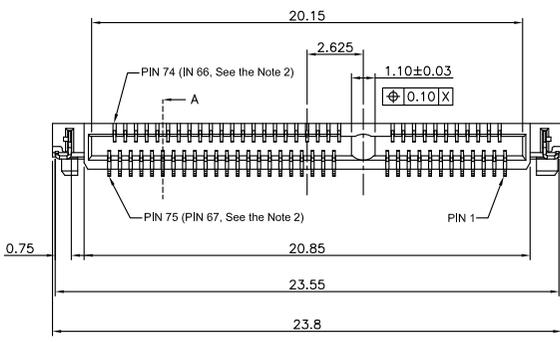


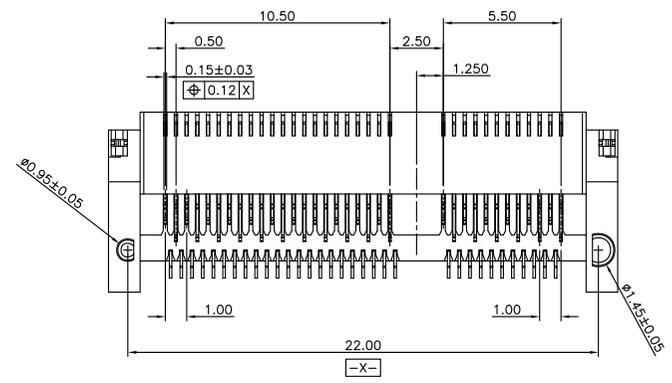
1	INITIAL RELEASE	JACK WU	2024/09/29
2	NEW FORM	RON LO	2025/11/25
3			



SECTION A-A



INSERTION SIMULATION



SPECIFICATION:

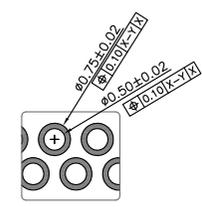
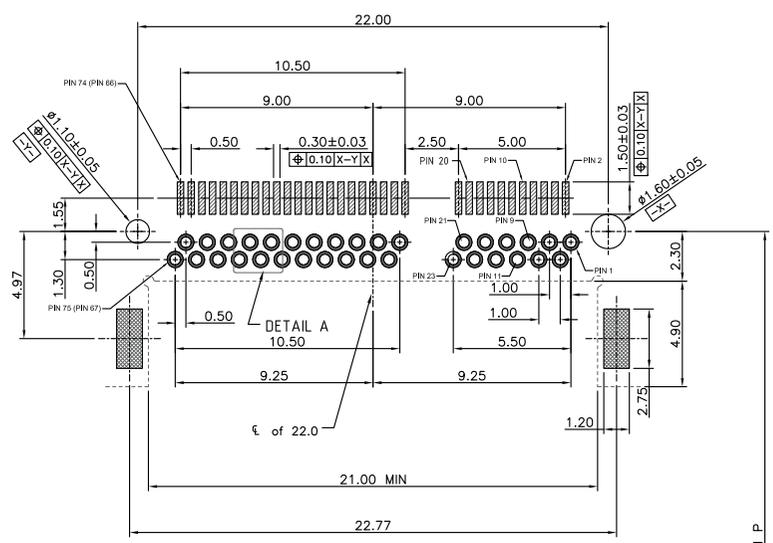
1. Current Rating: 0.5A
2. Contact Resistance: 55mΩ max.
3. Insulation Resistance: 500MΩ Min.
4. Dielectric Withstanding Voltage : 300VAC
5. Durability : 60 Cycle
6. Operating Temperature Range : -40°C~+80°C
7. Recommended IR Reflow Temperature : 260°C

NOTE:

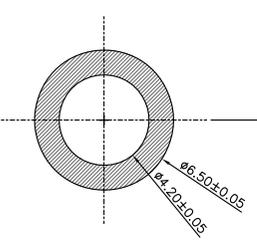
1. Recommend Stencil Thickness : 0.12mm MIN.
2. Connector Actual Pin Quantity is 67, As The Key Taking out 8 Pins.

3.	SOLDER PEG	Stainless Steel, Tin Plated on Surface
2.	CONTACT	Copper Alloy, Gold Plated On Contact and Solder Underplating Overall
1.	HOUSING	Hi-Tem Thermoplastic. UL94V-0 Black
NO.	PART NAME	DESCRIPTION
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 20240929
SHEET	1/4	CHK PETER WANG 20240929
SIZE	A4	APVD SIMON LI 20240929
CUSTOMER DRAWING		DRAWING NO.
KUNMING ELECTRONICS CO.,LTD.		
NAME		
M.2 Middle Mount Reverse, 0.5mm Pitch, 67Pin 1.65H E Key		
PRODUCT NO.		KMCX4M16E171

1	INITIAL RELEASE	JACK WU	2024/09/29
2	NEW FORM	RON LO	2025/11/25
3			



DETAIL "A"  
SCALE 2 : 1

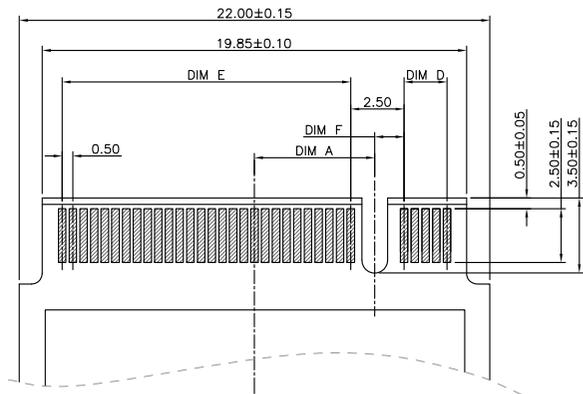


RECOMMEND P.C.BOARD LAYOUT

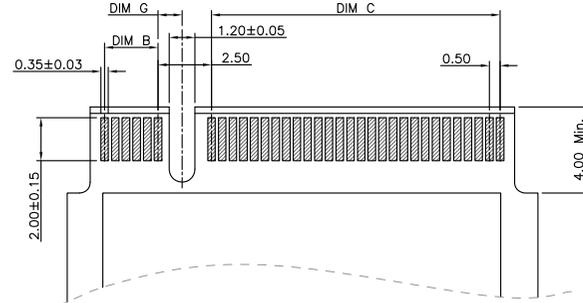
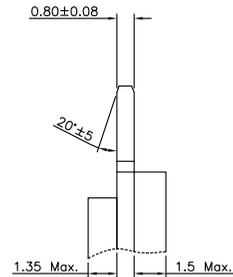
22110	114.00
2280	84.00
2260	64.00
2242	46.00
2230	34.00
3042	46.00
3030	34.00
MOUDULE TYPE	DIM P

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 20240929	
SHEET 2/4	CHK PETER WANG 20240929	M.2 Middle Mount Reverse, 0.5mm Pitch,67Pin 1.65H E Key
SIZE A4	APVD SIMON LI 20240929	PRODUCT NO. KMCX4M16E171
CUSTOMER DRAWING		DRAWING NO.

1	INITIAL RELEASE	JACK WU	2024/09/29
2	NEW FORM	RON LO	2025/11/25
3			



BOTTOM SIDE

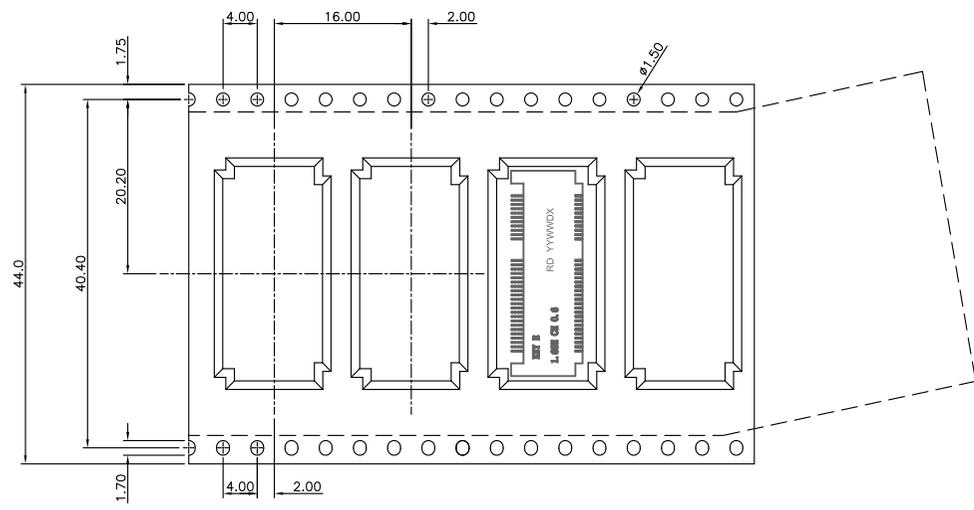
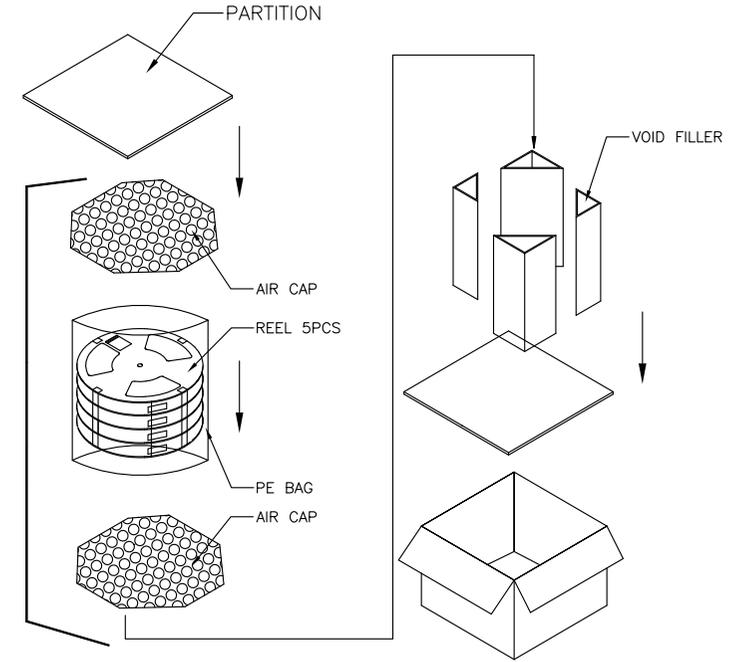
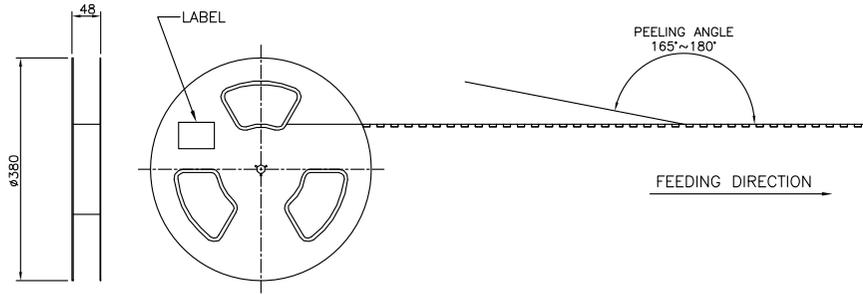


TOP SIDE

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

	DIMENSIONS : mm		TOLERANCES UNLESS OTHERWISE SPECIFIED : X. ± 0.30 X.X ± 0.20 X.XX ± 0.10 ANGLES ± 3°		<b>KUNMING ELECTRONICS CO.,LTD.</b> NAME
	SCALE	1 : 1	DWN	JACK WU	
SHEET	3/4	CHK	PETER WANG	20240929	
SIZE	A4	APVD	SIMON LI	20240929	
CUSTOMER DRAWING				PRODUCT NO. <b>KMCX4M16E171</b>	
				DRAWING NO.	

1	INITIAL RELEASE	JACK WU	2024/09/29
2	NEW FORM	RON LO	2025/11/25
3			



1500	5	7500	385x385x295mm
PCS/ REEL	REEL/ CARTON	PCS/ CARTON	SHIPPING BOX

DIMENSIONS : mm	TOLERANCES UNLESS OTHERWISE SPECIFIED :		KUNMING ELECTRONICS CO.,LTD.
	X.	$\pm 0.30$	
SCALE : X : X	X.X	$\pm 0.20$	NAME : M.2 Middle Mount Reverse, 0.5mm Pitch,67Pin 1.65H E Key
	X.XX	$\pm 0.10$	
SHEET : 4/4	ANGLES	$\pm 3^{\circ}$	PRODUCT NO. : KMCX4M16E171
	DWN	20240929	
SIZE : A4	CHK	20240929	DRAWING NO. :
	APVD	20240929	
CUSTOMER DRAWING	SIMON LI		