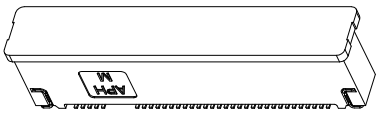
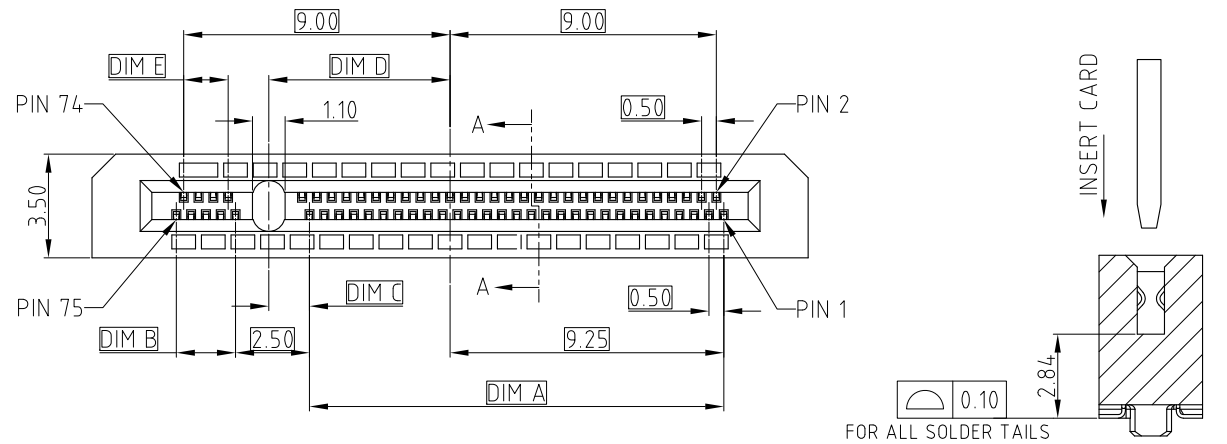


CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	CD----	NEW RELEASE	Aug.23,2018	YH
1	CD1838	OFFICIAL RELEASE	Aug.23,2018	YH
2	CD2099	ADD MORE KEYS	Dec.28,2019	YH



WITH PICK UP CAP

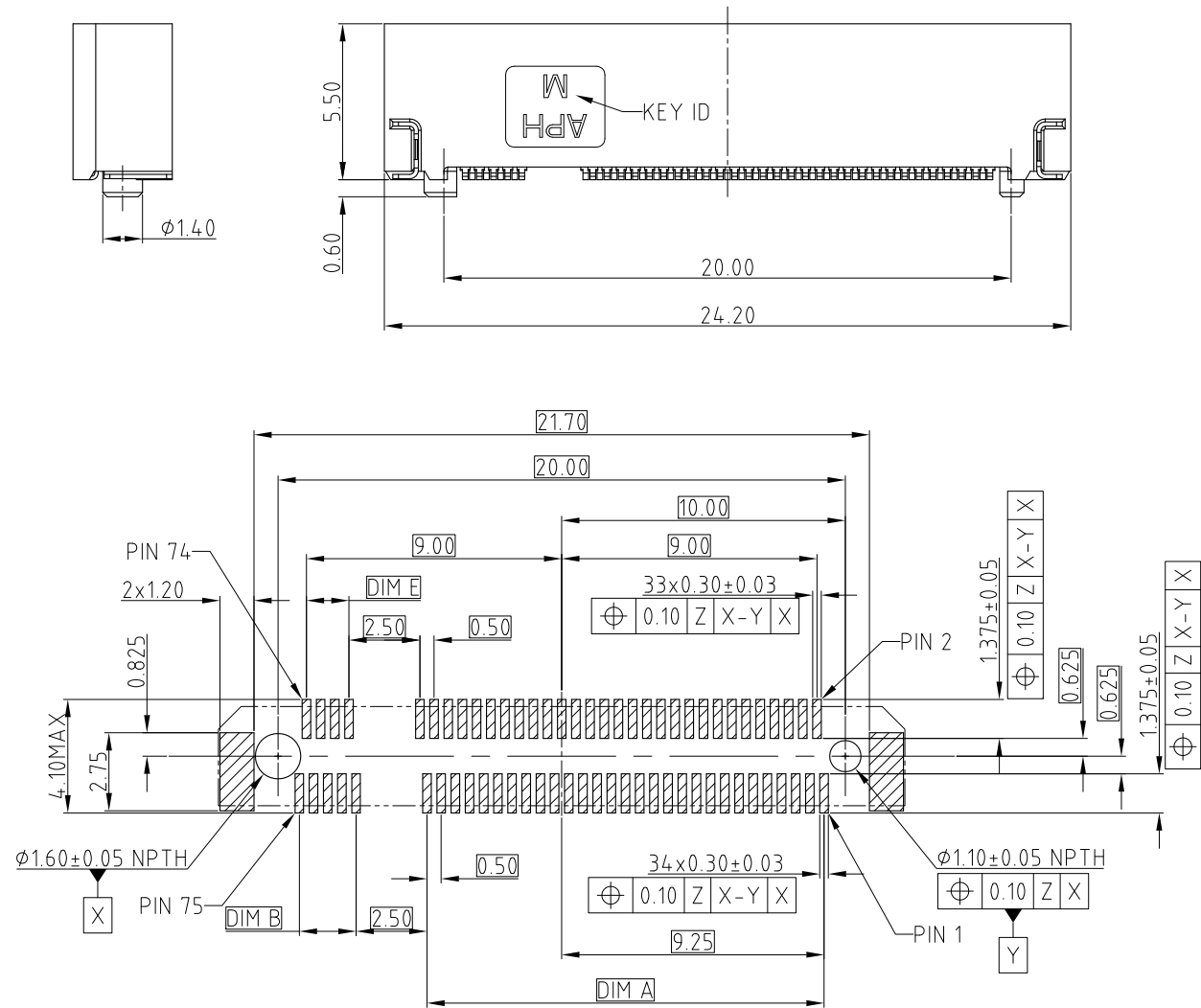


NOTE:

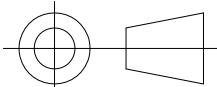
1. MATERIAL:
PLASTIC: LCP, UL 94V-0, BLACK
CONTACT: COPPER ALLOY
BOARD LOCK: ALLOY
2. FINISHED:
CONTACT AREA: 0.76um Au PLATED
SOLDER AREA: GOLD FLASH
BOARD LOCK: TIN PLATING 2.54um MIN
UNDERPLATED: NI PLATING 1.27um MIN
3. ELECTRICAL PERFORMANCE:
3.1 CURRENT RATING: 0.5A PER PIN
3.2 DIELECTRIC STRENGTH: 300V AC FOR 1 MINUTE
3.3 INSULATION RESISTANCE: 500MΩ MIN
3.4 CONTACT RESISTANCE: 55mΩ MAX
3.5 OPERATION TEMPERATURE: -40°C TO +85°C
4. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994
5. MATERIAL IS FULFILLED RoHS AND HALOGEN FREE

ORDER P/N SYSTEM:
MDT350X01401VT

CONNECTOR KEY ID	
A - KEY A	TOOLED
B - KEY B	TOOLED
E - KEY E	TOOLED
M - KEY M	TOOLED
...	



RECOMMENDED PCB OUTLINE
TOLERANCE: ± 0.05
DATUM Z: PCB SOLDER SURFACE

M	14.0	2.0	1.375	6.125	1.50	
E	5.5	10.5	1.125	-2.625	10.50	
B	2.5	13.5		-5.625	13.50	
A	1.5	14.5		-6.625	14.50	
KEY ID	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E	REMARK
UNLESS OTHERWISE SPECIFIED TOLERANCES			APPROVAL		DATE	
U.S. METRIC			DRAWN	Yunx.liu	Dec.28,2019	
			CHECKED	Ly.yi	Dec.28,2019	
			APPROVED			
.X +/-			Amphenol			
.XX +/-						
.XXX +/-						
FRACTIONS +/-						
ANGLES +/-			TITLE			
5°			VERTICAL M.2 MINI PCIe Gen4 CONNECTOR			
FOR MATERIALS AND FINISHES SEE NOTES			DRAWING FILE : DRAWING\M.2\CMDT350X01401VT			
REMOVE SHARP EDGES			ANGLE OF PROJECTION			
DIMENSIONS						
— U.S. —		— INCHES —	SIZE	DRAWING NO.		REV.
A3		C	MDT350X01401VT		2	
(METRIC)		(MM)	SCALE		NONE	SHEET 1 OF 1