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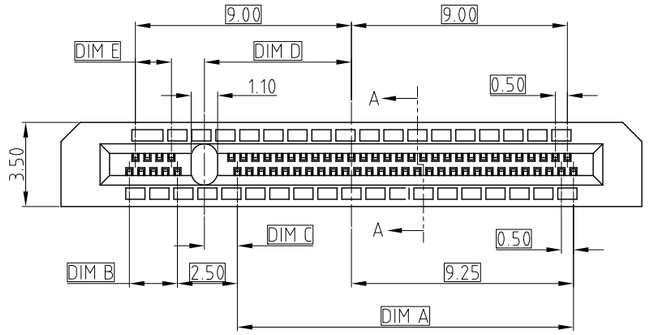
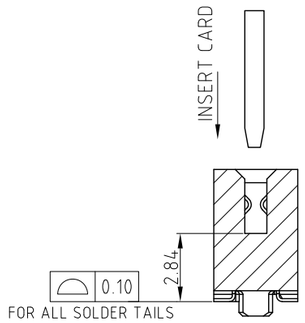
CUSTOMER DRAWING

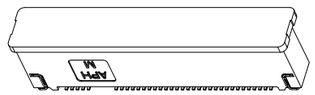
REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	CD0828	NEW RELEASE	Jul.15,2015	YH
2	CD1012	ADD THE TOOLED STATUS	May.18,2018	YH

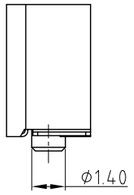


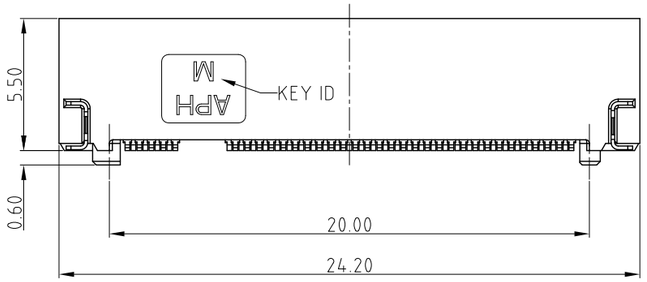


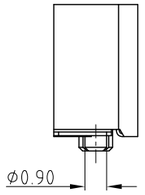
SECTIOM A-A

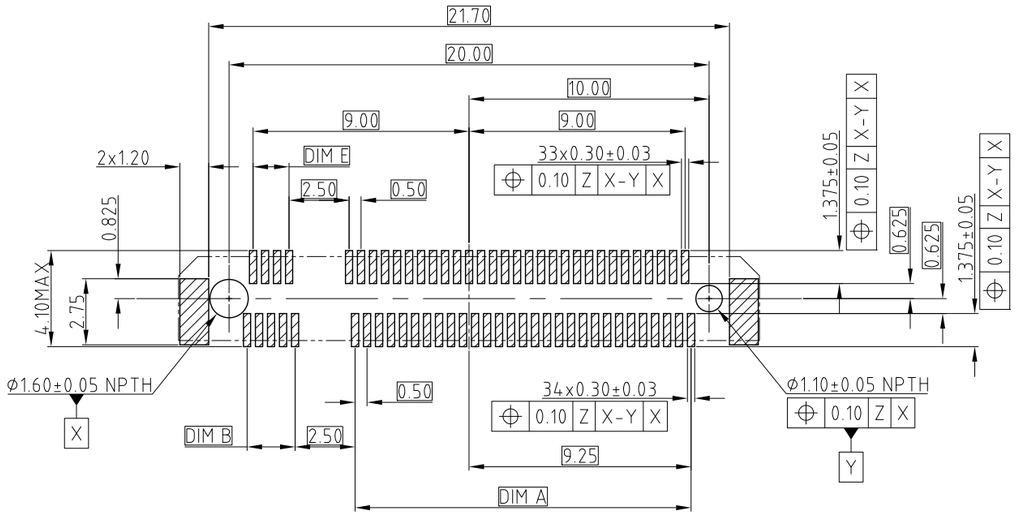


WITH PICK UP CAP









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

NOTE:

1. MATERIAL:
   PLASTIC: LCP, UL 94V-0, BLACK
   CONTACT: COPPER ALLOY
   BOARD LOCK: ALLOY
2. FINISHED:
   CONTACT AREA: SEE P/N SYSTEM
   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 +80°C
4. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994
5. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# S-SN-002
   FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET # S-SN-004

ORDER P/N SYSTEM:

MDT350X0X001VT

CONNECTOR KEY ID — PLATING

A - KEY A	TOOLED
B - KEY B	TOOLED
E - KEY E	NOT TOOLED
M - KEY M	TOOLED
...	

01 0.76 MICRONS GOLD PLATING
02 0.38 MICRONS GOLD PLATING
03 GOLD FLASH

KEY ID	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E	REMARK
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	

UNLESS OTHERWISE SPECIFIED
TOLERANCES

	U.S.	METRIC
.X +/-		0.50
.XX +/-		0.25
.XXX +/-		
FRACTIONS +/-		
ANGLES +/-		5°

FOR MATERIALS AND FINISHES SEE NOTES

REMOVE SHARP EDGES

DIMENSIONS

~~U.S.~~	~~INCHES~~
(METRIC)	(MM)

APPROVAL		DATE
DRAWN	Yunx.liu	May.18,2018
CHECKED	Ly.yi	May.18,2018
APPROVED		

DRAWING FILE :
DRAWING\M.2\CMDT350M0X001VT

ANGLE OF PROJECTION

Amphenol

TITLE
VERTICAL M.2 MINI PCIe CONECTOR

SIZE	DRAWING NO.	REV.
A3	C MDT350X0X001VT	2

SCALE NONE SHEET 1 OF 1