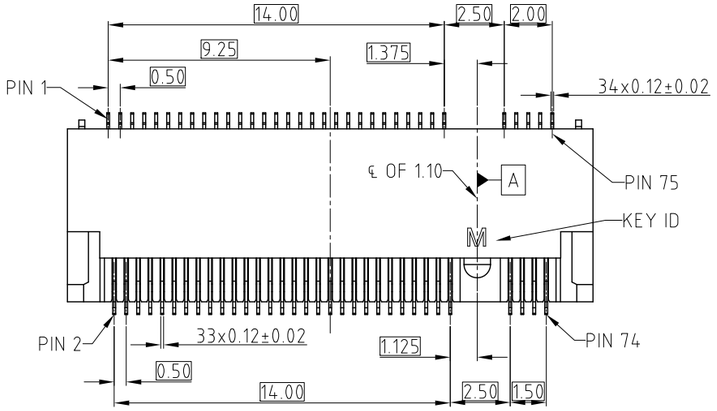
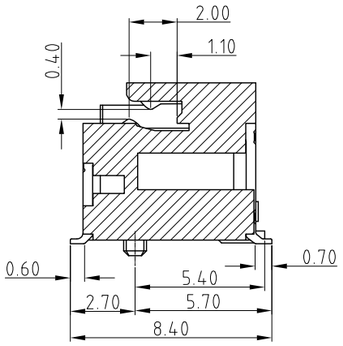
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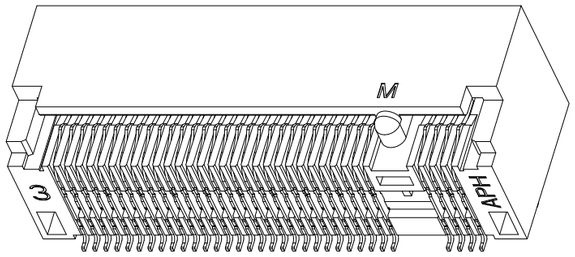
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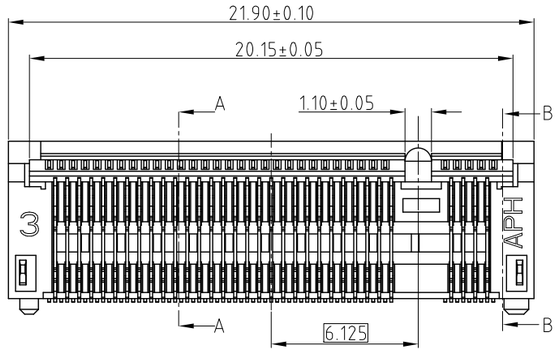
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	CDXXXX	PROPOSAL DRAWING	Jan.17,2019	YH
1	CD1895	OFFICIAL RELEASE	Jan.17,2019	YH

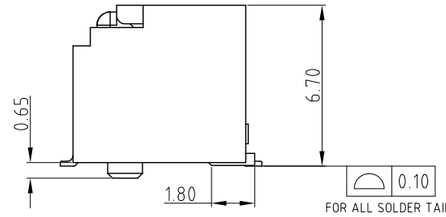


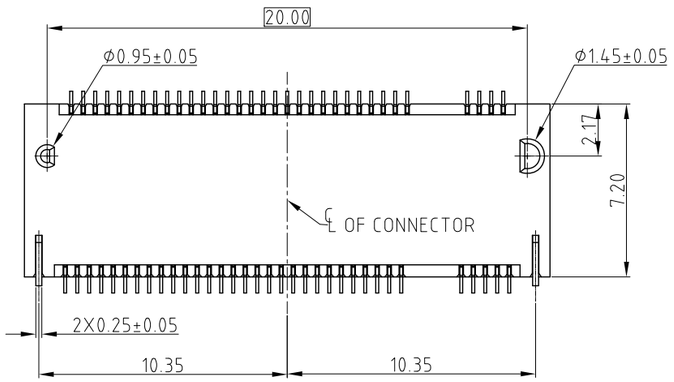


SECTION A-A









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, VOLTAGE RATING: 50 VAC 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:

MDT 670 M XX 402

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

Amphenol Corporation RoHS Compliant 2011/65/EU

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	Jan.17,2019
CHECKED	Ly.yi	Jan.17,2019
APPROVED		

DRAWING FILE : INTERNAL\DRAWING\M.2\CMDT670M0X402

ANGLE OF PROJECTION

Amphenol

TITLE: M.2 MINI PCIe GEN4 CONNECTOR

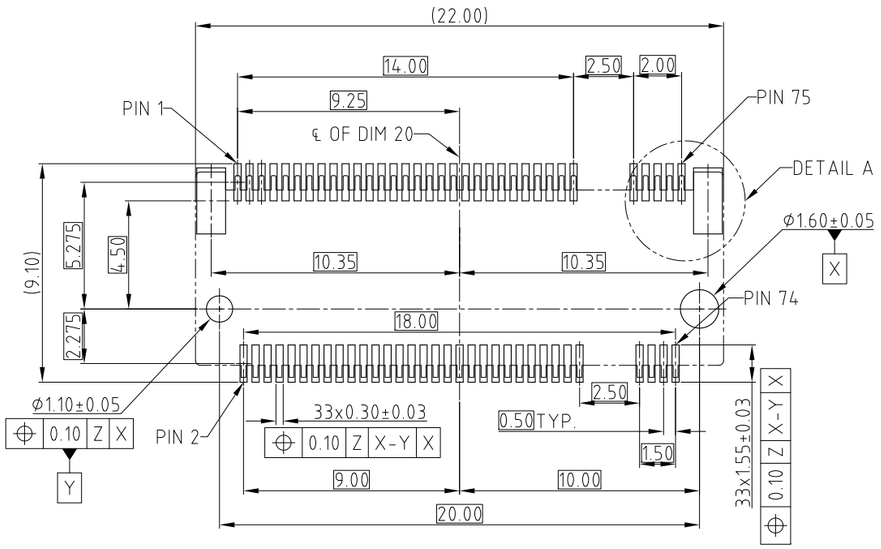
SIZE	DRAWING NO.	REV.
A3	C MDT670M0X402	1

SCALE NONE SHEET 1 OF 2

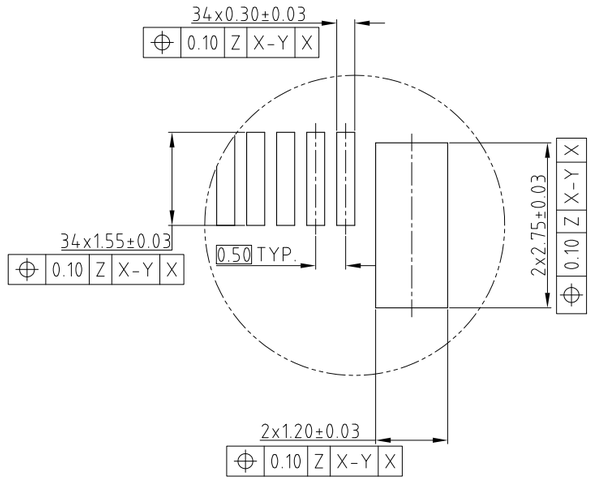
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CUSTOMER DRAWING

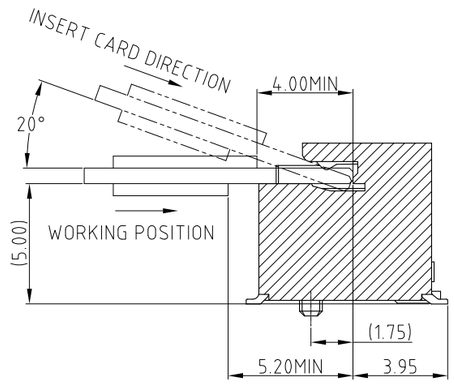
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED



RECOMMENDED M.2 MINI CARD MOUNTING TYPE_SMT_PCB OUTLINE
DATUM Z: PCB SOLDER SURFACE



DETAIL A
SCALE 2.5:1



SECTION B-B

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.~~ (METRIC) | ~~INCHES~~ (MM)

APPROVAL		DATE
DRAWN	Yunx.liu	Jan.17,2019
CHECKED	Ly.yi	Jan.17,2019
APPROVED		

DRAWING FILE : INTERNAL\DRAWING\M.2\CMDT670M0X402

ANGLE OF PROJECTION

Amphenol

TITLE: M.2 MINI PCIe GEN4 CONNECTOR

SIZE	DRAWING NO.	REV.
A3	C MDT670M0X402	1

SCALE NONE | SHEET 2 OF 2