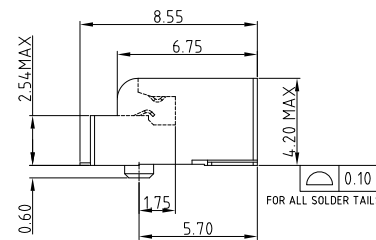
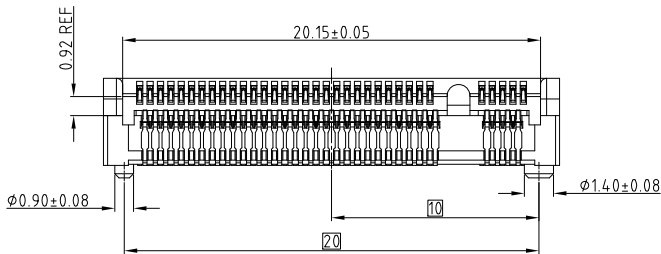
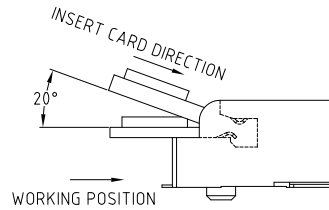
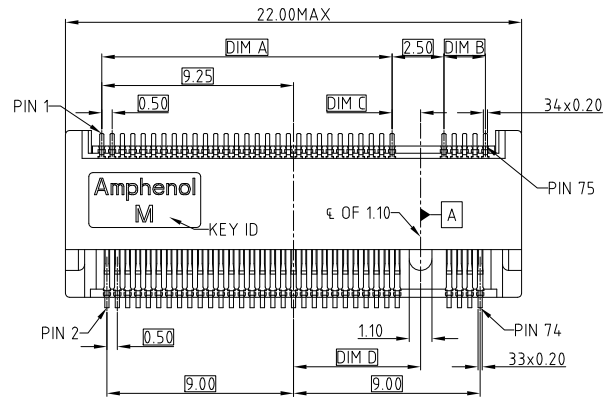


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CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	CDXXXX	NEW RELEASE	Jan.7,2016	YH
2	CD0874	UPDATED THE DIMENSION	Jul.13,2016	YH
3	CD0874	ADD G KEY IN	Jul.25,2016	YH



NOTE:

- MATERIAL:**
 PLASTIC: LCP, UL 94V-0, BLACK
 CONTACT: COPPER ALLOY
 BOARD LOCK: ALLOY
- FINISHED:**
 CONTACT AREA: SEE P/N SYSTEM
 SOLDER AREA: GOLD FLASH
 BOARD LOCK: TIN PLATING 2.54um MIN
 UNDERPLATED: NI PLATING 1.27um MIN.
- 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
- DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# S-SN-002 FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET # S-SN-004

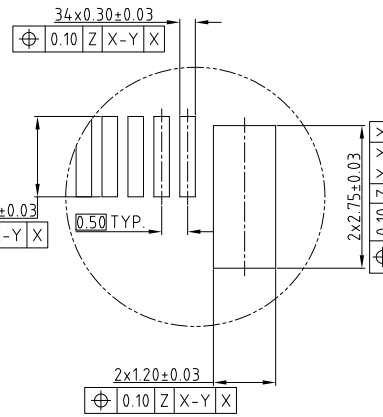
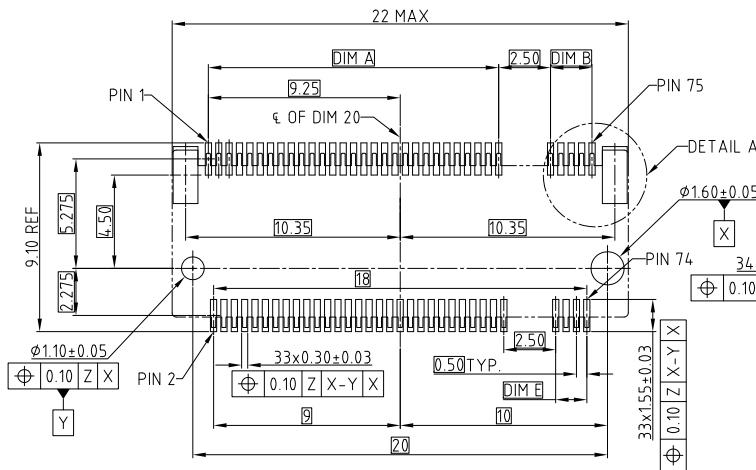


ORDER P/N SYSTEM:

MDT 420 X XX 002

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

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



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

DETAIL A
 SCALE 2.5:1

KEY ID	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E	REMARK
G	9.0	7.0	1.375	1.125	6.50	NOT TOOLED
M	14.0	2.0		6.125	1.50	
E	5.5	10.5		-2.625	10.50	
B	2.5	13.5	1.125	-5.625	13.50	
A	1.5	14.5		-6.625	14.50	

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S. METRIC		DRAWN Teng.Cao		Jul.25,2016			
.X +/- 0.50 .XX +/- 0.25 .XXX +/- FRACTIONS +/- ANGLES +/- 5'		CHECKED Ly.Yi		Jul.25,2016			
FOR MATERIALS AND FINISHES SEE NOTES		APPROVED		DRAWING FILE :		TITLE	
REMOVE SHARP EDGES		ANGLE OF PROJECTION		INTERNAL_DRAWING\M.2\CMDT420XXXX002		M.2 MINI PCIe CONNECTOR	
DIMENSIONS				SIZE		DRAWING NO.	
U.S. INCHES (METRIC) (MM)				A3		C MDT-420-X-XX-002	
				SCALE		NONE	
				SHEET		1 OF 1	
				REV.		3	