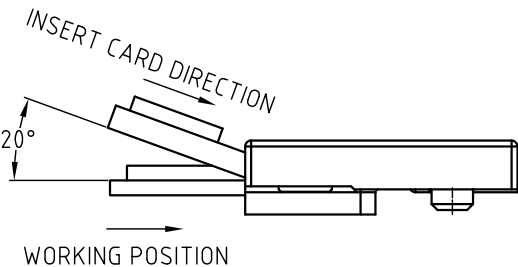
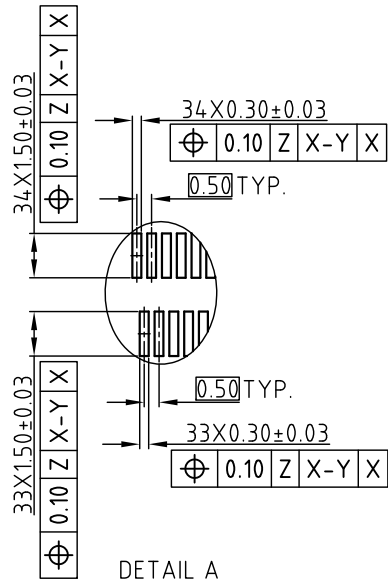
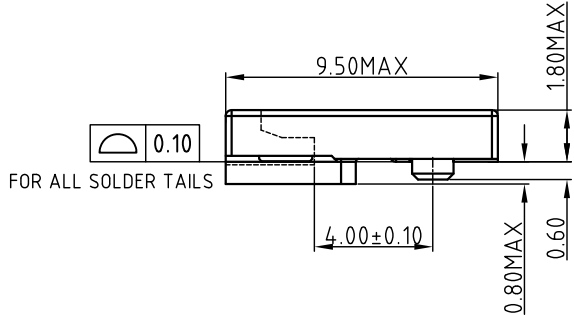


CUSTOMER DRAWING

A circular logo with a green border. Inside the border, the text "Amphenol Corporation" is written in a semi-circle at the top, and "2011/65/EU" is written at the bottom. In the center, the word "RoHS" is written in large, bold, black letters, and the word "Compliant" is written in smaller, black letters below it. A green checkmark is positioned behind the text "RoHS".

- 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
UNDERPLATED: NI PLATING
 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. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# S-SN-002
 5. PRODUCT SHOULD BE FULFILLED AMPHENOL PACKAGE SPEC#PKS-MTD-001



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

NOTE: PCB WILL NEED TO BE CUT-OUT TO PROVIDE CLEARANCE FOR THE CONNECTOR,
THE REFERENCE DIMENSIONS ON THIS FIGURE PROVIDE GUIDANCE.
ADDITIONAL CUT-OUT MAY BE REQUIRED FOR THE MODULE.

ORDER P/N SYSTEM:

MDT 180 X XX 001

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

...

DRAWING

PROPOSAL DRAWING

M	14.0	2.0	1.375	6.125	
E	5.5	10.5	1.125	-2.625	
B	2.5	13.5		-5.625	
A	1.5	14.5		-6.625	
KEY ID	DIM.A	DIM.B	DIM.C	DIM.D	REMARK
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC		APPROVAL		DATE	
.X +/- / 0.50 .XX +/- / 0.25 .XXX +/- / FRACTIONS +/- / ANGLES +/- / 5°		DRAWN	Yunx.liu	JAN.06,2014	
		CHECKED	Ly.yi	JAN.06,2014	
		APPROVED			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		TITLE	
REMOVE SHARP EDGES		DRAWING\MDT\CMDT180XXX001		M.2 MINI PCIe CONECTOR (MID LINE)	
DIMENSIONS		ANGLE OF PROJECTION			
(METRIC)				SIZE	REV.
(MM)				A3	1
				DRAWING NO.	
				C MDT-180-X-XX-001	
				SHEET 1 OF 1	