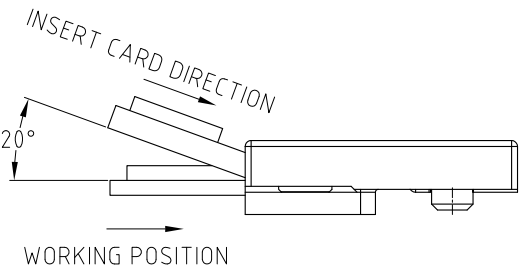
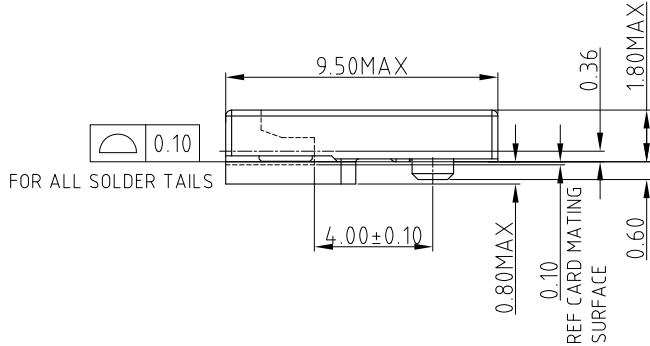


CUSTOMER DRAWING

A circular logo with a green border. Inside the circle, the text "RoHS" is prominently displayed in a large, bold, black font. Below "RoHS", the word "Compliant" is written in a smaller, black font. The top half of the circle's border contains the text "Amphenol Corporation" in a black font, and the bottom half contains "2011/65/EU".

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: 500M Ω MIN
3.4 CONTACT RESISTANCE: 55m Ω MAX
3.5 OPERATION TEMPERATURE: -40°C TO +85°C
4. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# S-SN-002
5. PRODUCT SHOULD BE FULFILLED AMPHENOL PACKAGE SPEC#PKS-MTD-001



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

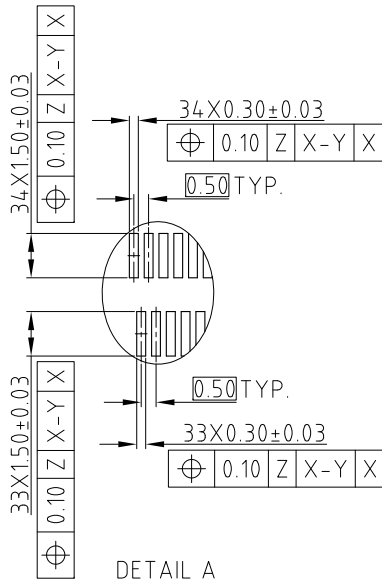
A - KEY A

B - KEY B

E - KEY E

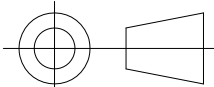
M - KEY M

...



RECOMMENDED 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.

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		Jun.30,2017	
			CHECKED Ly.yi		Jun.30,2017	
			APPROVED			
.X +/-					Amphenol	
.XX +/-						
.XXX +/-						
FRACTIONS +/-						
ANGLES +/-						
5°			DRAWING FILE :		TITLE	
FOR MATERIALS AND FINISHES SEE NOTES			INTERNAL\DRAWING\M.2\CMDT180XX001		M.2 MINI PCIe CONECTOR (MID LINE)	
REMOVE SHARP EDGES			ANGLE OF PROJECTION			
DIMENSIONS					SIZE	
U.S.			DRAWING NO.		REV.	
INCHES			A3 C MDT-180-X-XX-001		2	
(METRIC)			SCALE		NONE	
(MM)			SHEET 1		OF 1	