

CUSTOMER DRAWING

A circular logo with a green border. Inside the circle, the text "RoHS" is prominently displayed in a large, bold, sans-serif font. Below "RoHS", the word "Compliant" is written in a smaller, italicized font. At the bottom of the circle, the text "2011/65/EU" is visible. The entire logo is set against a white background.

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 +85°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

MDT XXX X XX 001

CONNECTOR HEIGHT

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

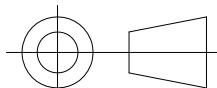
CONNECTOR KEY ID

A - KEY A

B - KEY B

F - KFY F

M - KFY M

M	14.0	2.0	1.375	6.125	150			
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.G	REMARK		
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC		APPROVAL		DATE		Amphenol		
.X +/− 0.50		DRAWN	Teng.Cao	Sep.22,2016				
.XX +/− 0.25		CHECKED	Ly.yi	Sep.22,2016				
.XXX +/−		APPROVED						
FRACTIONS +/−								
ANGLES +/− 5°		DRAWING FILE :		TITLE				
FOR MATERIALS AND FINISHES SEE NOTES		INTERNAL\DRAWING\M.2\CMDTXXXXXX001		M.2 MINI PCIe CONECTOR				
REMOVE SHARP EDGES		ANGLE OF PROJECTION						
DIMENSIONS				SIZE		DRAWING NO.	REV.	
— U.S. —				A3		C MDT-XXX-X-XX-001		7
— INCHES —								
(METRIC)	(MM)			SCALE		NONE	SHEET 1 OF 1	