

## CUSTOMER DRAWING

A circular logo with a thick black 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 words "RoHS" and "Compliant" are stacked vertically, with a stylized black and white wave graphic behind them.

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. 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

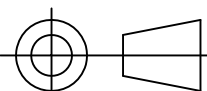
A circular logo with a black border. Inside, the text "RoHS" is at the top, "Compliant" is in the middle, and "2011/65/EU" is at the bottom. A stylized wave or swoosh is behind the text.

MDT XXX X XX 001

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

A - KEY A  
B - KEY B  
E - KEY E  
M - KEY M

# PROPOSAL DRAWING

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	
U.S.		DRAWN		Yunx.liu	
METRIC		CHECKED		LY.YI	
.X +/- / 0.50		APPROVED			
.XX +/- 0.25		DRAWING FILE : DRAWING\MDT\CMDTXXXXXX001			
.XXX +/-		ANGLE OF PROJECTION			
FRACTIONS +/- /					
ANGLES +/- / 5°					
FOR MATERIALS AND FINISHES SEE NOTES					
REMOVE SHARP EDGES					
DIMENSIONS					
— U.S. —					
— INCHES —					
(METRIC)					
(MM)					

# Amphenol

## M.2 MINI PCIe CONNECTOR

SIZE	DRAWING NO.		REV.
A3	C MDT-XXX-X-XX-001		4
SCALE	NONE	SHEET 1 OF 1	

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Amphenol:

<a href="#"><u>MDT420E01001</u></a>	<a href="#"><u>MDT420B03001</u></a>	<a href="#"><u>MDT275E02001</u></a>	<a href="#"><u>MDT420B01001</u></a>	<a href="#"><u>MDT420A02001</u></a>	<a href="#"><u>MDT275B02001</u></a>
<a href="#"><u>MDT275M02001</u></a>	<a href="#"><u>MDT275B01001</u></a>	<a href="#"><u>MDT275E01001</u></a>	<a href="#"><u>MDT275A02001</u></a>	<a href="#"><u>MDT275B03001</u></a>	<a href="#"><u>MDT420E03001</u></a>
<a href="#"><u>MDT275M03001</u></a>	<a href="#"><u>MDT275E03001</u></a>	<a href="#"><u>MDT420A03001</u></a>	<a href="#"><u>MDT420B02001</u></a>	<a href="#"><u>MDT275M01001</u></a>	<a href="#"><u>MDT420M03001</u></a>
<a href="#"><u>MDT420E02001</u></a>	<a href="#"><u>MDT275A01001</u></a>	<a href="#"><u>MDT420M02001</u></a>	<a href="#"><u>MDT275A03001</u></a>	<a href="#"><u>MDT420A01001</u></a>	<a href="#"><u>MDT420M01001</u></a>