

CUSTOMER DRAWING

A diagram of a 16-pin D-sub connector. The connector is shown from a side-on perspective, highlighting its D-shaped profile. A label on the front face indicates '16P M', signifying 16 pins and a male connector type. The pin header is visible at the bottom, showing a series of pins for connection.

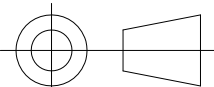


NOTE:

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 2.54um MIN
UNDERPLATED: NI PLATING 1.27um MIN
3. ELECTRICAL PERFORMANCE:
3.1 CURRENT RATING: 0.5A 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

ORDER P/N SYSTEM:
MDT350X0X001VT

CONNECTOR KEY ID		PLATING
A - KEY A	TOOLED	01 0.76 MICRONS GOLD PLATING
B - KEY B	TOOLED	02 0.38 MICRONS GOLD PLATING
E - KEY E	NOT TOOLED	03 GOLD FLASH
M - KEY M	TOOLED	
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UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	
U.S.		METRIC			
.X +/-		0.50		DRAWN Yunx.liu May.18,2018	
.XX +/-		0.25		CHECKED Ly.yi May.18,2018	
.XXX +/-				APPROVED	
FRACTIONS +/-					
ANGLES +/-		5°			
FOR MATERIALS AND FINISHES SEE NOTES					
REMOVE SHARP EDGES					
DIMENSIONS					
— U.S. —		— INCHES —			
(METRIC)		(MM)			
DRAWING FILE : DRAWING\M_2\CMDT350M0X001VT ANGLE OF PROJECTION 					

Amphenol

TITLE

VERTICAL M.2 MINI PCIe CONNECTOR

SIZE	DRAWING NO.		REV
A3	C MDT350X0X001VT		2
SCALE	NONE	SHEET 1 OF 1	