

## SPECIFICATION FOR APPROVAL

PART NO.: XMV-9768-9D1100A-006

PRODUCT DESCRIPTION.: 8P8C Vertical JACK

REV:A



Xmultiple

MARKETING GROUP	R&D GROUP	QA GROUP
ISSUED BY	CHECKED BY	QA INSPECTION
Wu Chunxi	Liu Ting	Cheng Xubo

CUSTOMER: \_\_\_\_\_

CUSTOMER PART NO.: \_\_\_\_\_

SAMPLE Q'TY: \_\_\_\_\_

**CUSTOMER**

CUSTOMER APPROVAL:

APPROVAL

CONCESSIONARY

REJECTED

ISSUED BY	CHECKED BY	APPROVED BY

COMMENTS:

## SPECIFICATION FOR APPROVAL

CUSTOMER PART NO.:

XMH- PART NO.: XMV-9768-9D1100A-006

PRODUCT DESCRIPTION.: 8P8C Vertical JACK



TEMP(°C):25

HUM(%):65 RH

REV:A

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3. REVISION CHANGE RECORD

REV	Description	Drawn	Checked	Approved	Issue Date
A	Specification issued	Wu Chunxi	Liu Ting	Liu Ting	2013/1/23

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#### 4. SPECIFICATION AND PERFORMANCE

##### 4-1 Scope

This specification covers the requirements for product performance, tests and quality assurance provisions for TRANSFORMER JACK

##### 4-2 Applicable document

The following documents form a part of this specification to the extent specified herein. In the event of conflict between the requirements of this specification and the product drawing shall take precedence

##### 4-3 Requirements

###### 4-3-1 Design and construction

Product shall be of the design, construction and physical dimensions specified on the applicable product drawing  
Complies with IEEE standards and all 10/100/1000 Ethernet

###### 4-3-2 Materials and finish

Housing:	Glass filed polyester UL94V-0,Pantone Black
Contact:	Phosphor Bronze 0.46mm ROUND PIN
Plating:	6U" gold plating over nickel
PCB retention pre-solder:	1LB min.
PCB retention post-solder:	10 LBS min.
Tails:	150U"~200U" Tin-Lead min. over 30U" ~50U" nickel(RoHS6)

###### 4-3-3 Mechanical characteristics:

Durability:750(modular jack) insertion/plug dimension cycles at min. rate of 120 cycles per minute

###### 4-3-4 Electrical

Contact resistance:	30 milliohms max.
Insulation resistance:	500 megohms min.@500 VDC.
Dielectric strength:	1500 VAC RMS 60Hz,1min.

###### 4-3-5 Environmental:

Operating temperature:	0°C~+70°C
Storage temperature:	-40°C~+85°C

Mates with modular plug conforming to FCC pact 68 subpart F.

###### 4-3-6 Applicable printed circuit board

The product is designed to meet the electrical, mechanical and environmental performance requirements specified in product drawing

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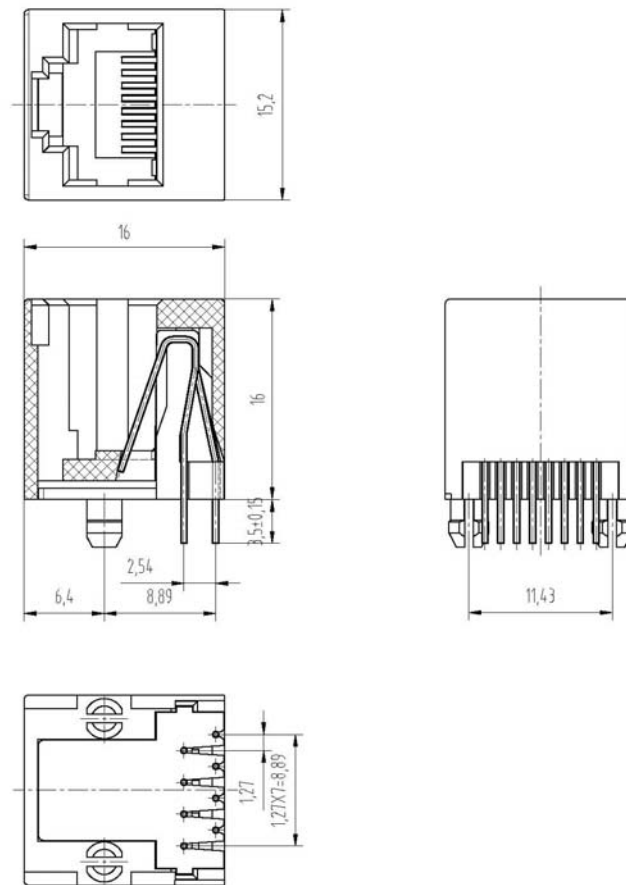
### 5. MECHANICAL DIMENSION AND LABEL

TOLERANCE(mm):

.0 ± 0.20

.00 ± 0.15

.000 ± 0.075



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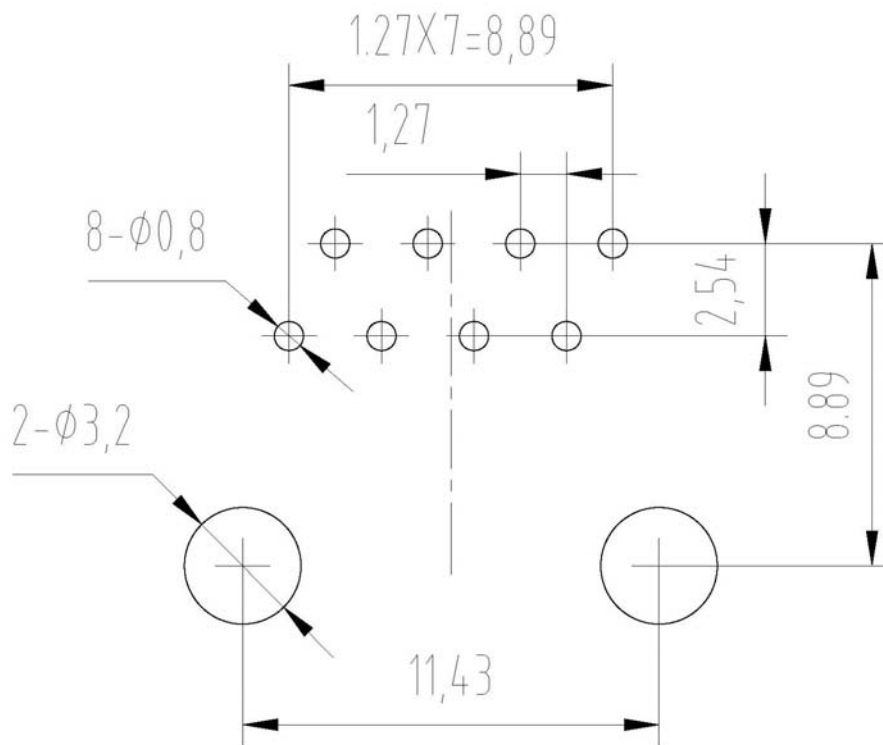


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### 6. RECOMMENDED PCB LAYOUT: UNIT: ( mm)



PCB LAYOUT

COMPONENT SIDE VIEW

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### 11. PACKAGE

100 PCS/TRAY  
2200 PCS/BOX

