

E

16PIN 10/100M Single Port Transformer Module

○ RoHS compliant.

○ Meets IEEE 802.3 specification

○ Operation temperature:−40°C~+85°C.

D

C

ELECTRICAL SPECIFICATIONS @ +25°C UNLESS OTHER SPECIFIED

SCHEMATIC

2 WIRES CMC

Inductance (OCL)	350 uH Min @ 100KHz/0.1V with 8mA DC Bias 25°C		
Hi-Pot	1500 Vrms, 1mA, 1Sec		
Turns Ratio	1.00 ± 2%		
DCR	1.20 OHM MAX		
Cw/w	28pF Typ @ 100KHz/0.1V		
Insertion Loss	1~100 MHz: −1.1 dB Max		
Return Loss	1~30 MHz	30~60 MHz	60~80 MHz
	−16 dB Min	−12 dB Min	−10 dB Min
Cross Talk	1~60 MHz	60~100 MHz	
	−42 dB Min	−35 dB Min	
CMRR	1~30 MHz	60 MHz	80~100 MHz
	−42 dB Min	−35 dB Min	−30 dB Min

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MECHANICAL

P/N:121006-110001

MAGNETIC: 1:REEL

1:10/100BASE-T

SUGGESTED PAD LAYOUT

Note: 1、Dimension: mm, 2.Unless otherwise specified,tolerances are:±0.25mm

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD				
X.X	±0.30	X.*	±10°	PART NO.	TITLE: 16PIN 5.6高度 100M 两线 350mA POE+ −40~+85℃		
.XX	±0.20	.X.*	± 8°	SEE P/N		DRAWG NO. C-121006	
.XXX	±0.10	.XX.*	± 5°	DESIGN: JASON			
UNIT	mm			CHED: JASON		<div><div></div><div>SCALE</div><div>1:1</div></div> <div><div></div><div>SHEET</div><div>1/1</div></div> <div><div></div><div>REV.</div><div>A</div></div>	
MATERIAL	---			APPD: ARAY			
FINISH	---						