

RJ45 /DUAL USB JACK WITH 1000 BASE-TX MAGNETICS AND LEDS

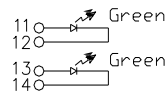
XMB- J2BZ31ZJHD

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- Meets or exceeds IEEE 802.3 and ANSI X3.263 standards.
- USB module complies with USB 2.0 standards and meets CAT5 Fast.
- 350 μ H minimum OCL with 8 mA bias current.
- RoHS peak solder rating 260°C.
- Recommended panel



Part Number	11,12 (Right Led)	13,14 (Left Led)
3	Green	Green



Electrical Specifications @ 25°C

Part Number	Turns Ratio ($\pm 5\%$)		Insertion Loss (dB Max)	Return Loss 100 Ω $\pm 5\Omega$ (dB Typ)			
	TX	RX		1-10MHz	10-30MHz	30-60MHz	60-80MHz
XMB-J2BZ31ZJHD	1CT : 1CT	1CT : 1CT	-1.15	-20	-16	-12	-10

Electrical Specifications @ 25°C

Part Number	Crosstalk (dB Typ)			Common Mode Rejection (dB Typ)		HI-POT (Vrms) @60MHz/1Min
	1-30MHz	30-60MHz	60-100MHz	1-50MHz	50-150MHz	
XMB-J2BZ31ZJHD	-40	-35	-30	-30	-20	1500

RJ45 Durability Testing Rating & Material Specification

Part Number	Durability	LED MAP(nm)		Shield (T=0.25mm)	
		Green	Yellow	Front	Back
XMB-J2BZ31ZJHD	750 Insertions	568	585	Stainless,SUS304	Copper,C2680 R-H

RJ45 Material Specification

Part Number	Contact			Housing	
	RJ Contact (T=0.3)	USB Contact (T=0.25)	RJ Joint Contact (T=0.3)	Material	Specification
XMB-J2BZ31ZJHD	Phosphor Bronze	Phosphor Bronze	Brass gold flash or Tin	Thermoplastic PBT,Black	UL 94 V-0

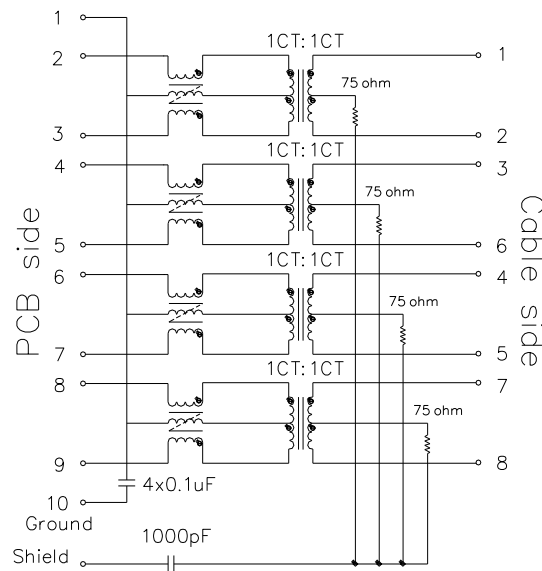
* Operating temperature range: 0°C to +70C. Storage temperature range: -25°C to +125°C.

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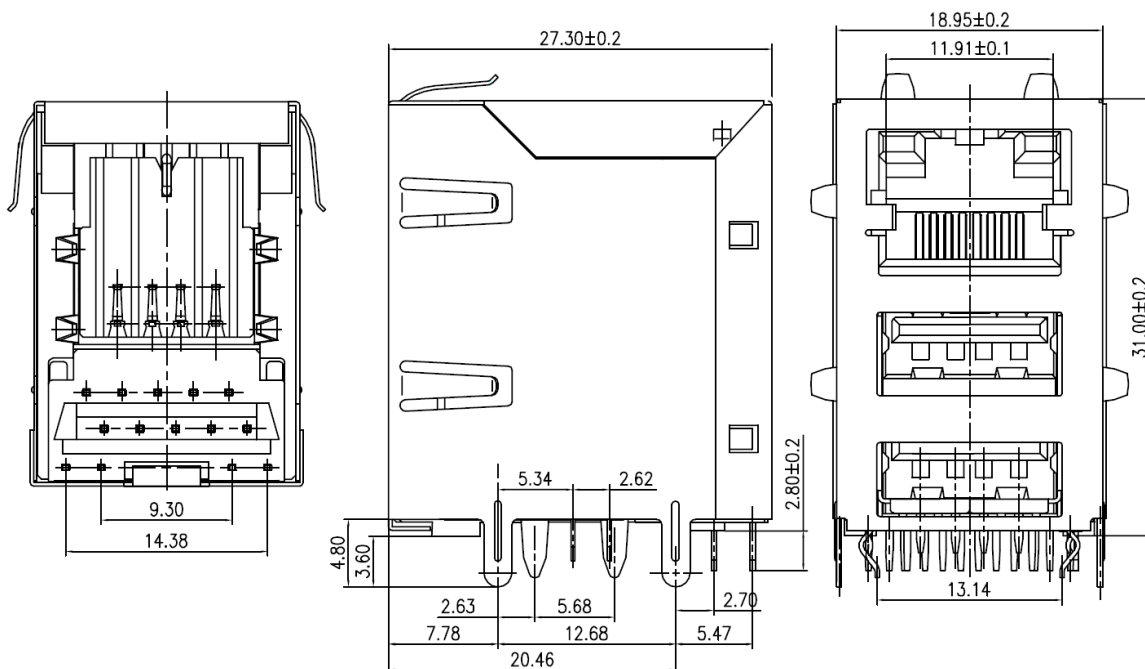
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SCHEMATIC



MECHANICAL



Units: mm.and Tolerance: ±0.25 unless specified otherwise.

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PCB LAYOUT

