

WITMAG

SPECIFICATION FOR APPROVAL

CUSTOMER _____

CUSTOMER'S PART NO. _____

DESCRIPTION RJ45 ICM(10/100M Base-T 1port)

WITMAG'S PART NO. RJ-180A03F REV. A

WITMAG'S OLD P/N _____

ISSUE NO. _____

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APPROVED

REJECTED

APPROVED UNDER
THE CONDITIONS:

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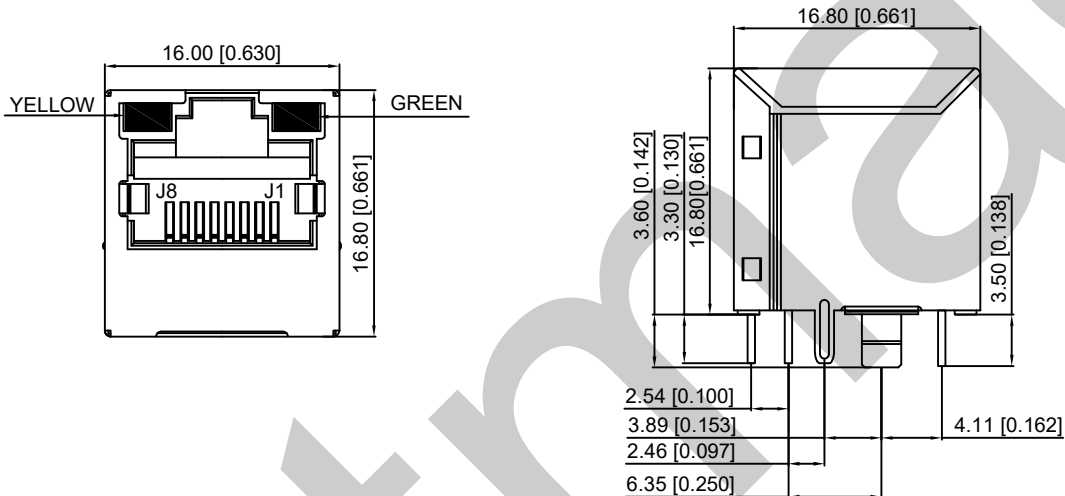
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Note:

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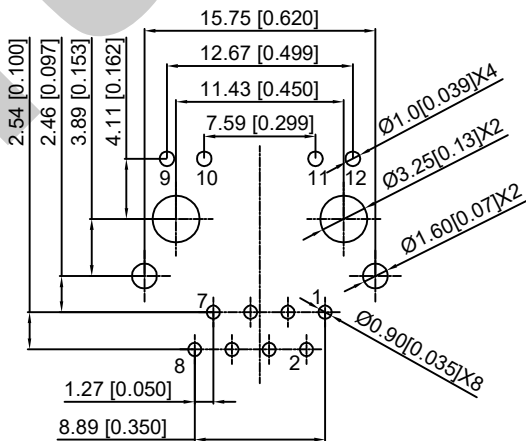
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CUSTOMER PART NO: WITMAG PART NO:RJ-180A03F PART NAME:RJ45 ICM(10/100M Base-T 1port)		Rev.:A  ROHS
Mechanical Dimension and Notes		
◆ Mechanical Dimension		
 <p>The drawing shows two views of the RJ45 connector. The top view shows a width of 16.00 mm [0.630] and a height of 16.80 mm [0.661]. It features two yellow shielded ports labeled J8 and J1, and a green shielded port. The side view shows a total height of 16.80 mm [0.661] and a width of 16.80 mm [0.661]. It also shows a 3.60 mm [0.142] high top section, a 3.30 mm [0.130] high middle section, and a 3.50 mm [0.138] high bottom section. The bottom view shows a 2.54 mm [0.100] wide base, a 3.89 mm [0.153] wide middle section, a 2.46 mm [0.097] wide bottom section, and a 4.11 mm [0.162] wide side section. A 6.35 mm [0.250] dimension is also shown for the bottom section.</p>		
Dimensions:mm[Inchs] Unless otherwise specified,All dimensions tolerance is $\pm 0.25[0.010]$		
◆ Note:		
<ol style="list-style-type: none">Connector material: Housing: PBT black UL94 V-0 Insert:PBT black UL94 V-0 Shield:Brass Shield plating:Nickel Contact:Phosphor bronze Contact plating:selective gold,6 micro-inchs min in contact areaRJ45 cavities conform to FCC rules regulation part 68The part is recommended for wave soldering process peak soldering temperatures is 260°C max,5 secs maxOperating Temperature:0°C to +70°CStorage Temperature:-40°C to +85°C		
Drawn by	Designed by	Approved by
	HeWei	WangHaiping

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WITMAG PART NO:RJ-180A03F		✓ ROHS
PART NAME:RJ45 ICM(10/100M Base-T 1port)		
Labe and PWB Layout		
◆ Labe		
<p>Plug In Side</p> 		
◆ PWB Layout		
		
Dimensions:mm[Inchs] Unless otherwise specified,All dimensions tolerance is $\pm 0.25[0.010]$		
Drawn by	Designed by	Approved by
	HeWei	WangHaiping

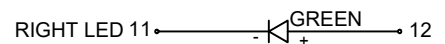
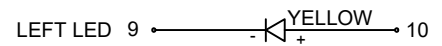
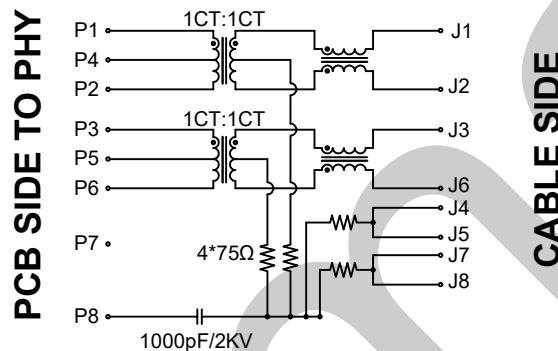
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	 ROHS

Circuit Schematic and Electrical Specifications

◆ Circuit Schematic



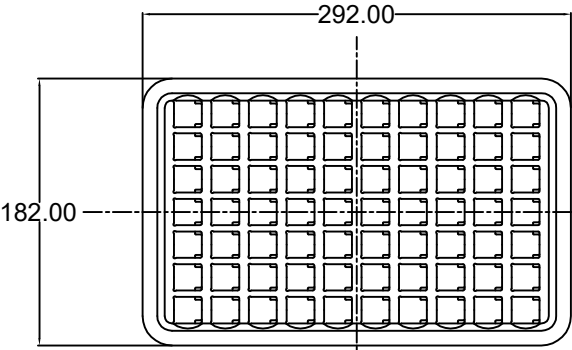
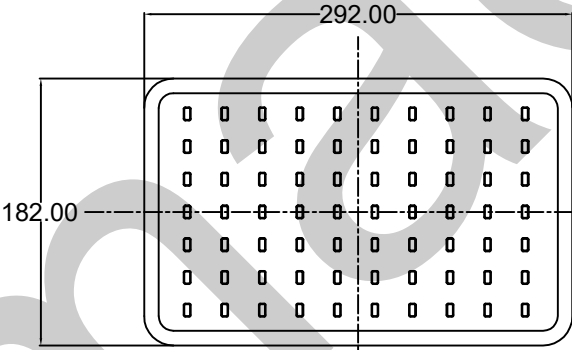
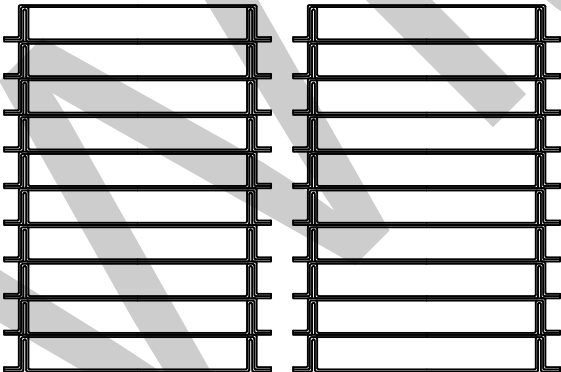
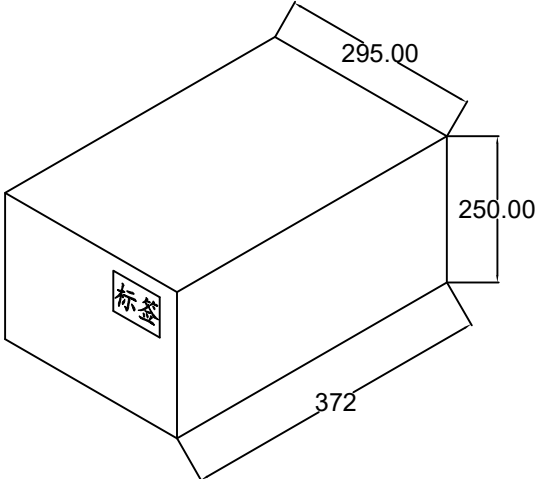
◆ Electrical Specifications

Turn Ratio	TX:RX=1:1±5%		
Primary Inductance (100KHz 0.1V 8mA DC Bias)	350μH MIN		
DC Resistance	1.5Ω MAX		
Insertion Loss	1-100MHz		
	-1.2 dB MAX		
Return Loss (100Ω±15Ω)	1-30MHz	30-60MHz	60-80MHz
	-18 dB MIN	-14 dB MIN	-10 dB MIN
Cross talk	1-100MHz		
	-30 dB MIN		
Common Mode Rejection	1-100MHz		
	-30 dB MIN		
Isolation Voltage (Input to Output)	1800VDC @1mA for 2 sec		

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Peaking		
◆ Peaking		
		
吸塑盘 每盘装产品7*10=70 (PCS)	吸塑盘盖 每吸塑盘盖一个吸塑盘盖	
		
每箱产品数量 70 (PCS) *20 (盘)=1400 (PCS)		箱子规格
Drawn by	Designed by	Approved by
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