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APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/11/19	
A		UPDATED PACKING	8/23/22	JJ/YC

RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:  
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0  
 Insulator color: Black  
 Contacts: Copper Alloy  
 Shield: Brass, Nickel plated

Plating:  
 Round contact  
 Gold over Nickel underplate overall  
 Flat contact  
 Gold over Nickel underplate on contact area,  
 Tin over Nickel underplate on solder tails

Electrical:  
 Voltage rating: 150 VAC  
 Contact Resistance: 20 mohms max  
 Insulation resistance: 500 Mohms min  
 Dielectric withstanding voltage: 1,500VAC or 2,250VDC  
 Temperature Rating:  
 Operating temperature: -0°C to +70°C  
 Environmental:  
 Lead free, RoHS compliant.

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED																		
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			REF: S00005C	REV. A														
			SCALE: NTS	SHEET 1 OF 3														

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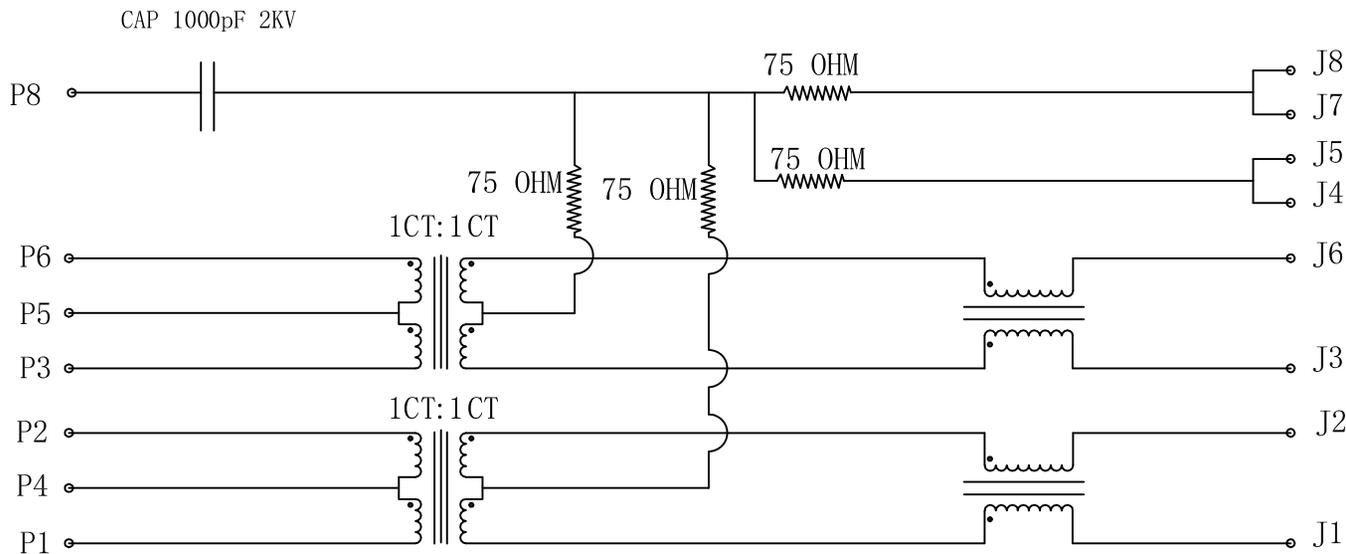
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Electronical Specifications:

- 1. Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%  
(P3~P6):(J3~J6) = 1:1±5%
- 2. Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- 3. DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- 4. Insertion Loss: 1-100MHz -1.2dB MAX
- 5. Return Loss: 1-30MHz -16dB MIN  
30-60MHz -12dB MIN  
60-80MHz -10dB MIN
- 6. CROSS TALK: 1-100MHz -30dB MIN
- 7. COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 8. Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

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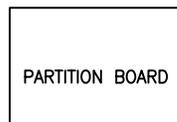
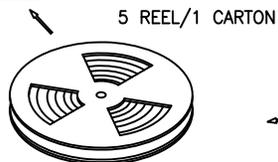
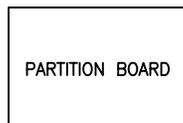
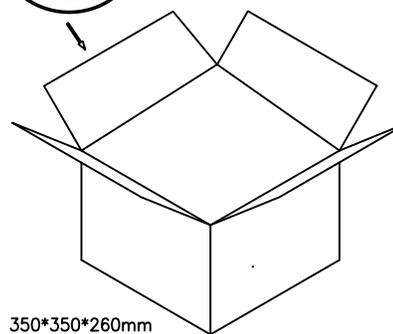
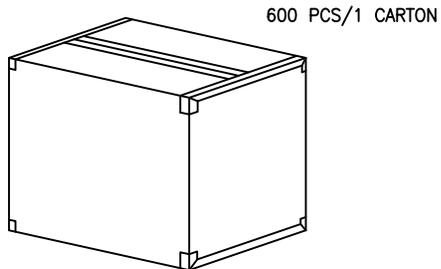
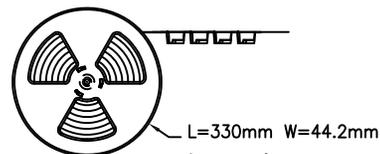
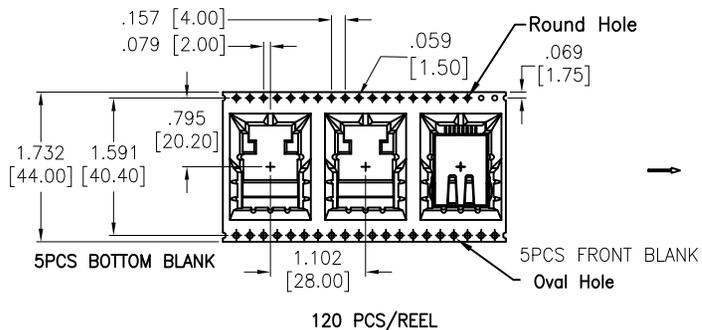
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