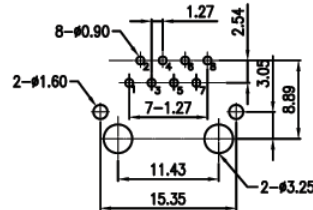
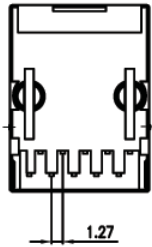
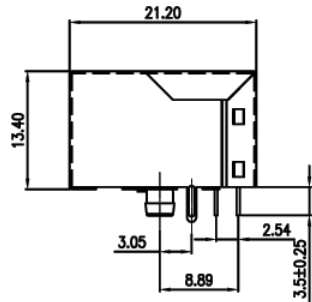
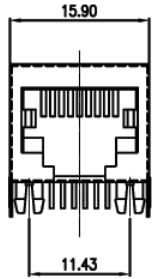


V1.1 NOTE: THIS DEVICE IS ROHS COMPLIANT.

REVISIONS							
SYM	DESCRIPTION	DATE	APPROVED	SYM	DESCRIPTION	DATE	APPROVED
△				△			
△				△			

****CUSTOMER DRAWING FOR REFERENCE ONLY, SAMPLES APPROVAL ARE REQUIRED!!**

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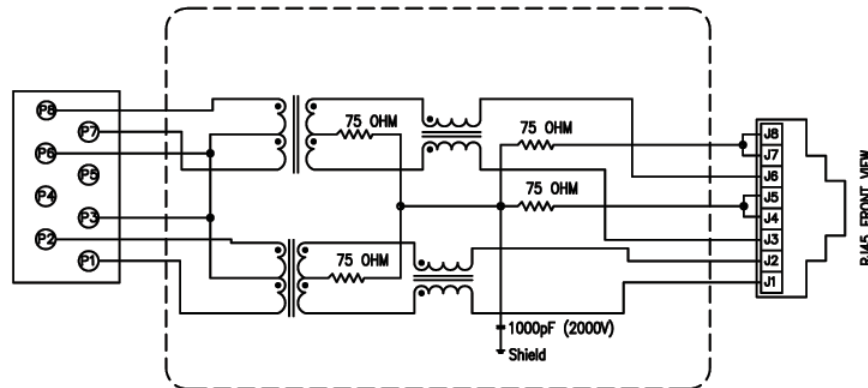


PCB LAYOUT

MATERIAL:
 HOUSING: GLASS FILLED POLYESTER (UL-94V-0)
 STANDARD COLOR: BLACK
 CONTACT: 0.35mm DIA PHOSPHOR BRONZE GOLD PLATING OVER NICKEL
 SHIELDED: 0.20mm THICKNESS COPPER ALLOY WITH TIN PLATED

ORDER INFORMATION:
 MJKf5969-Pa081GXS-D
 MJK: MODULAR JACK
 f: TRANSFORMER
 5969: SERIES NO.
 Pa: PCB TYPE, RIGHT ANGLE
 O8: NO. OF CONTACT, 10P8C
 1: COLOR OF PLASTIC, BLACK
 GX: CONTACT PLATING OPTION
 Gf: GOLD FLASH
 Gft: GOLD FLASH ON CONTACT, TIN PLATED ON SOLDER TAIL
 G15t: 15u" GOLD ON CONTACT, TIN PLATED ON SOLDER TAIL
 G30t: 30u" GOLD ON CONTACT, TIN PLATED ON SOLDER TAIL
 G50t: 50u" GOLD ON CONTACT, TIN PLATED ON SOLDER TAIL
 S: SHIELDED WITHOUT PANEL GROUNDING TAB
 D: DIM G=3.05 mm, PLASTIC PEG IN THE FRONT

SCHEMATICS:



ELECTRICAL SPECIFICATIONS:
 ISOLATION VOLTAGE: 1500 VRMS(INPUT TO OUTPUT)
 RISE TIME(10-90%): 2.5NS TYPICAL
 OCL: 350uH MINIMUM @100KHz 8mADC
 INSERTION LOSS: -1.0dB MAX. @100KHz-100MHz
 RETURN LOSS: -18dB MINIMUM @1MHz-30MHz
 -15dB MINIMUM @40MHz-50MHz
 -10dB MINIMUM @60MHz~80MHz

CROSSTALK: -38dB TYP.@100KHz-100MHz
 OPERATING TEMPERATURE: 0° ~+70°
 TURN RATIO: RX=1CT : 1CT(±3%) TX=1CT : 1CT(±3%)
 Cw/w: 20pF TYP. @100KHz 100mV
 LEAKAGE INDUCTANCE(TX&RX): 0.4uMHz MAX
 CMRR: -40dB TYP. @100KHz - 100MHz

TOLERANCES UNLESS OTHERWISE SPECIFIED ±0.25			SIGNATURES	DATE	MODEL
SYMBOL	UNIT	SCALE	DRAWN	AARON	28/OCT/05'
			CHECKED	CONNIE	28/OCT/05'
			APPROVALS		
△	mm	1/1	TITLE MODULAR JACK		
			NO. MJKf5969-Pa081G_S-D		

Machrone