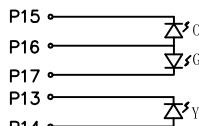
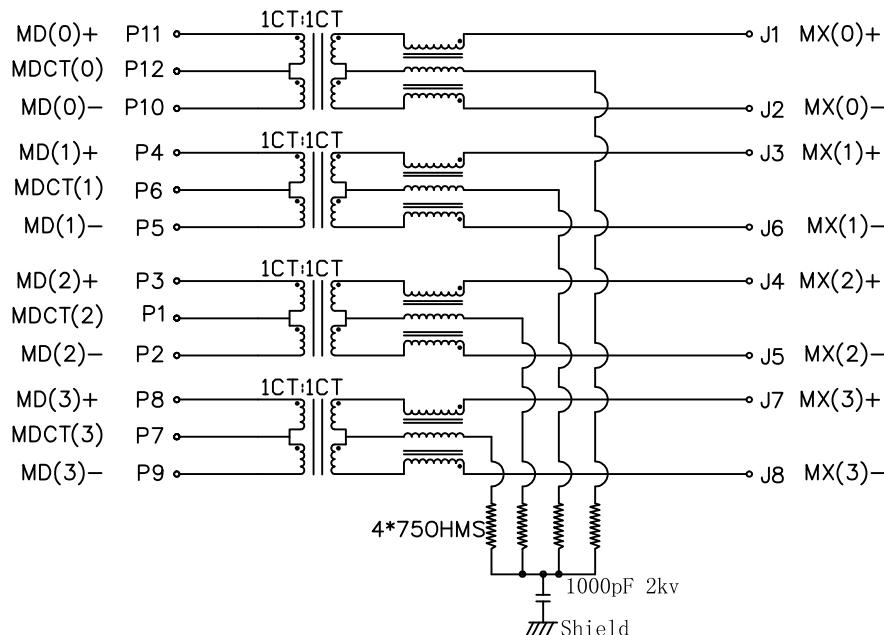


APPROVED: _____

DATE: _____ TITLE: _____

SEE SHT 1 OF 2 FOR REVISION

Circuit Schematic:



Pin	Yellow	Orange	Green
P15	-	P15	-
P16	+	P16	+
P17	-	P17	-
P13	+	P13	-
P14	-	P14	-

Electronical Specifications:

- Turn Ratio @100KHz: $(P11 \sim P10):(J1 \sim J2) = 1:1 \pm 5\%$
 $(P4 \sim P5):(J3 \sim J6) = 1:1 \pm 5\%$
 $(P3 \sim P2):(J4 \sim J5) = 1:1 \pm 5\%$
 $(P8 \sim P9):(J7 \sim J8) = 1:1 \pm 5\%$
- Primary Inductance: 350uH MIN @100KHZ, 0.1V 8mA DC BIAS
- DC Resistance: 1.2 OHMS MAX
- Insertion Loss: 1-100MHz -1.0dB MAX
 100-125MHz -1.2dB MAX
- Return Loss: 1-40MHz -16dB MIN
 40-60MHz -12dB MIN
 60-80MHz -10dB MIN
 80-100MHz -8dB MIN
- CROSS TALK: 1-100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- Isolation: PHY Side to Line Side: 2250VDC

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED
 INCHES HOLES
 $.X \pm .10$ $\emptyset X \pm .10$
 $.XX \pm .020$ $\emptyset XX \pm .015$
 $.XXX \pm .015$ $\emptyset XXX \pm .010$

APPROVALS

DRAWN AY 11/12/18

CHECKED NL 11/12/18

APPROVED

ADAM
TECH
INTERCONNECTS
 909 Rahway Avenue,
 Union, NJ 07083
 Phone: 908-687-5000
 Fax: 908-687-5710

TITLE		
MODULAR JACK, 1 PORT, 8P8C W/ LED1 GREEN/ORANGE, LED2 YELLOW		
SIZE	PART NO.	REV.
X	MTJ-88SUX1-FS-VL28-M186C-WOT	-
REF: S0005C	SCALE: NTS	SHEET 2 OF 2