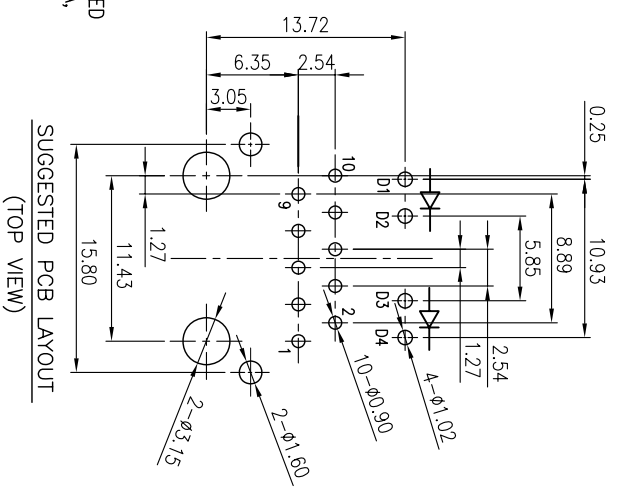
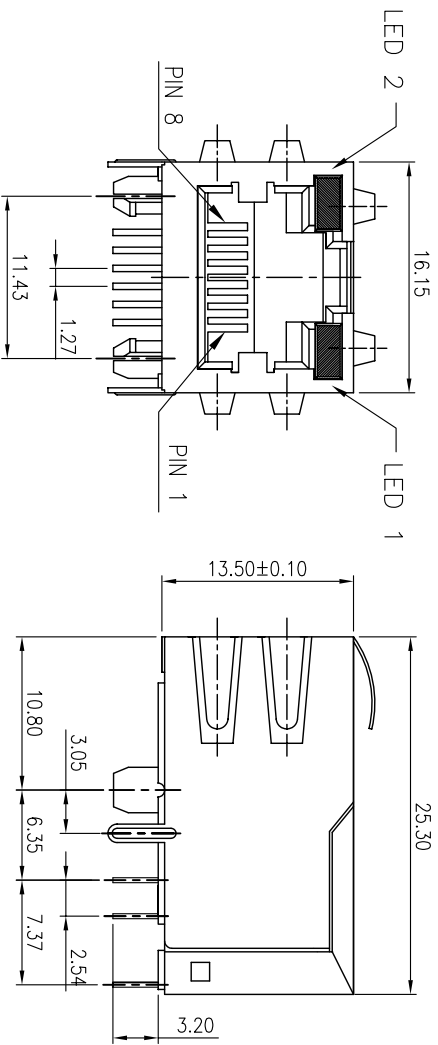
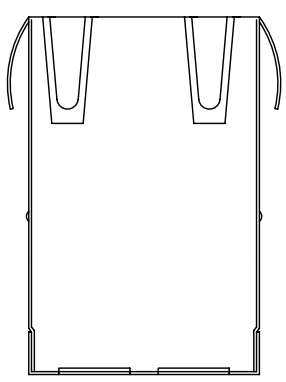


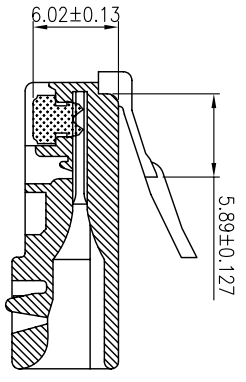
SYM	DESCRIPTION	DATE	APPROVED	SYM	DESCRIPTION	DATE	APPROVED
△				△			
△				△			

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

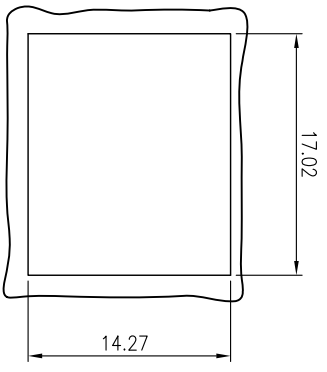
REV	DATE	DESCRIPTION	APPROVED
2			
1			



RECOMMENDED PLUG DIMENSION:



RECOMMENDED
PANEL CUTOFF DIMENSION



MATERIAL:
HOUSING: PBT POLYESTER UL94V-0,
MIXED GLASS FIBER.
STANDARD COLOR: BLACK
CONTRACTS: 0.35mm THICK PHOS-BRONZE PLATED
WITH GOLD FLASH IN CONTACT AREA,
TIN IN SOLDER AREA.
SHIELD: 0.20mm THICK COPPER ALLOY,
PLATED WITH NICKEL.
OPERATING TEMPERATURE: -40°C TO +85°C
CAVITY CONFORMS TO FCC RULES AND REGULATIONS
PART 68, SUBPART F.

ORDER INFORMATION:
MKT#4736-P080GfSb-D-L2P
MKT: MODULAR JACK WITH FILTER
4736: SERIES NO.
P: PCB TYPE, RIGHT ANGLE
80: 8P10C
Gf: CONTACT PLATING, GOLD FLASH ON CONTACT,
TIN PLATED ON SOLDER TAIL
Sp: SHIELDED WITH PANEL GROUNDING TAB
D: DIM D= 3.05mm, PLASTIC PEG IN THE FRONT
L2: LED1: GREEN, LED2: GREEN
P: LED PINS ARE PARALLEL

TOLERANCES UNLESS OTHERWISE SPECIFIED	SCALE
±0.25	2/1

SIGNATURES		DATE		MODEL	
DRAWN	AARON	15/MAY/09		TITLE	MODULAR JACK WITH FILTER
CHECKED	JOAN	15/MAY/09		NO.	MKT#4736-P080GfSb-D-L2P
APPROVALS					

MMT CORPORATION

SYM	DESCRIPTION	DATE	APPROVED	SYM	DESCRIPTION	DATE	APPROVED
Δ				Δ			
Δ				Δ			

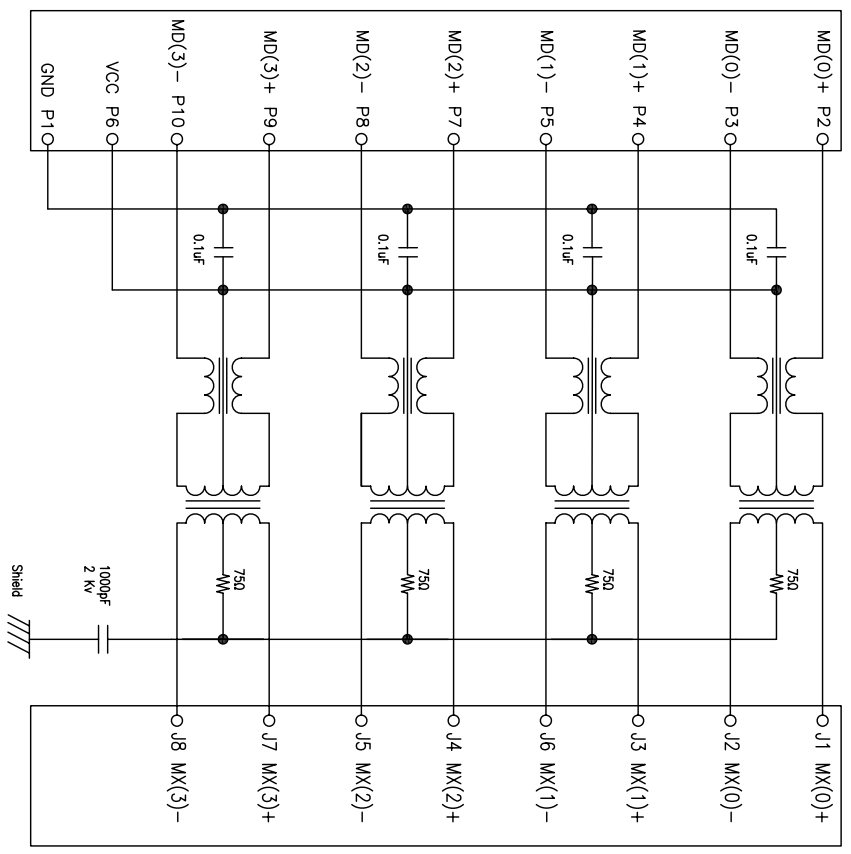
****CUSTOMER DRAWING FOR REFERENCE ONLY, SAMPLES APPROVAL ARE REQUIRED!!**

225

SCHEMATIC :

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



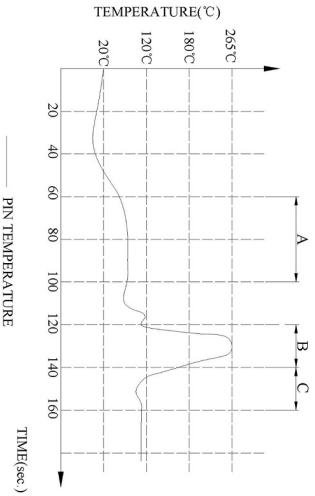
ELECTRICAL SPECIFICATIONS

- TEST NOTES:(25±5°C)
- TR: (100KHz,0.1V);
PINS: (P2,P3):(J1,J2)=1:1±3%; (P4,P5):(J3,J6)=1:1±3%
PINS: (P7,P8):(J4,J5)=1:1±3%; (P9,P10):(J7,J8)=1:1±3%
 - LX: (100KHz,100mV,8mA, DC Bias)
PINS: (P2,P3), (P4,P5), (P7,P8), (P9,P10)=350uH MIN.
 - DCR:
PINS: (J1,J2), (J3,J6), (J4,J5), (J7,J8)=1.2Ω MAX.
 - HPOT:
PINS(P2,P3)TO(J1,J2), (P4,P5)TO(J3,J6)=1500VAC FOR 60 SECONDS
PINS(P7,P8)TO(J4,J5), (P9,P10)TO(J7,J8)=1500VAC FOR 60 SECONDS
 - INSERTION LOSS:
-0.8dB MAX. AT 0.3MHZ TO 100MHZ;
-1.2dB MAX. AT 100MHZ TO 120MHZ
 - RETURN LOSS:
-18dB MIN. AT 0.5MHZ TO 40MHZ;
-12+20Log(f/80MHZ)dB MIN. AT 40MHZ TO 100MHZ
 - CROSS TALK:
-33+20Log(f/100MHZ)dB MIN. AT 0.1MHZ TO 100MHZ
 - COMMON TO DIFFERENTIAL MODE REJECTION:
-35dB MIN. AT 300KHz TO 100MHZ
 - COMMON TO COMMON MODE REJECTION:
-30dB MIN. AT 300KHz TO 100MHZ

Color	Lens Color	Vf(V) @20mA	Iv(mcd) @10mA	Viewing angle
Green	Green Diffused	Min 1.7 Max 2.8	Min 3.5 Typ 6.0	2θ 1/2 116

TOLERANCES UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		MODEL	
SYMBOL	UNIT	SCALE	CHECKED	APPROVALS	NO.	TITLE	MODEL
Δ	mm	2/1	JOAN			MODULAR JACK WITH FILTER	
				MTM CORPORATION			
				MJK4736-Pd80GfSb-D-L2P			

PROFILE OF WAVE SOLDER



Notes:

- (1) Tip temperature : $260\pm 5^{\circ}\text{C}$
- (2) Tip temperature time: 5sec. max
- (3) The melting point of tin : 219°C