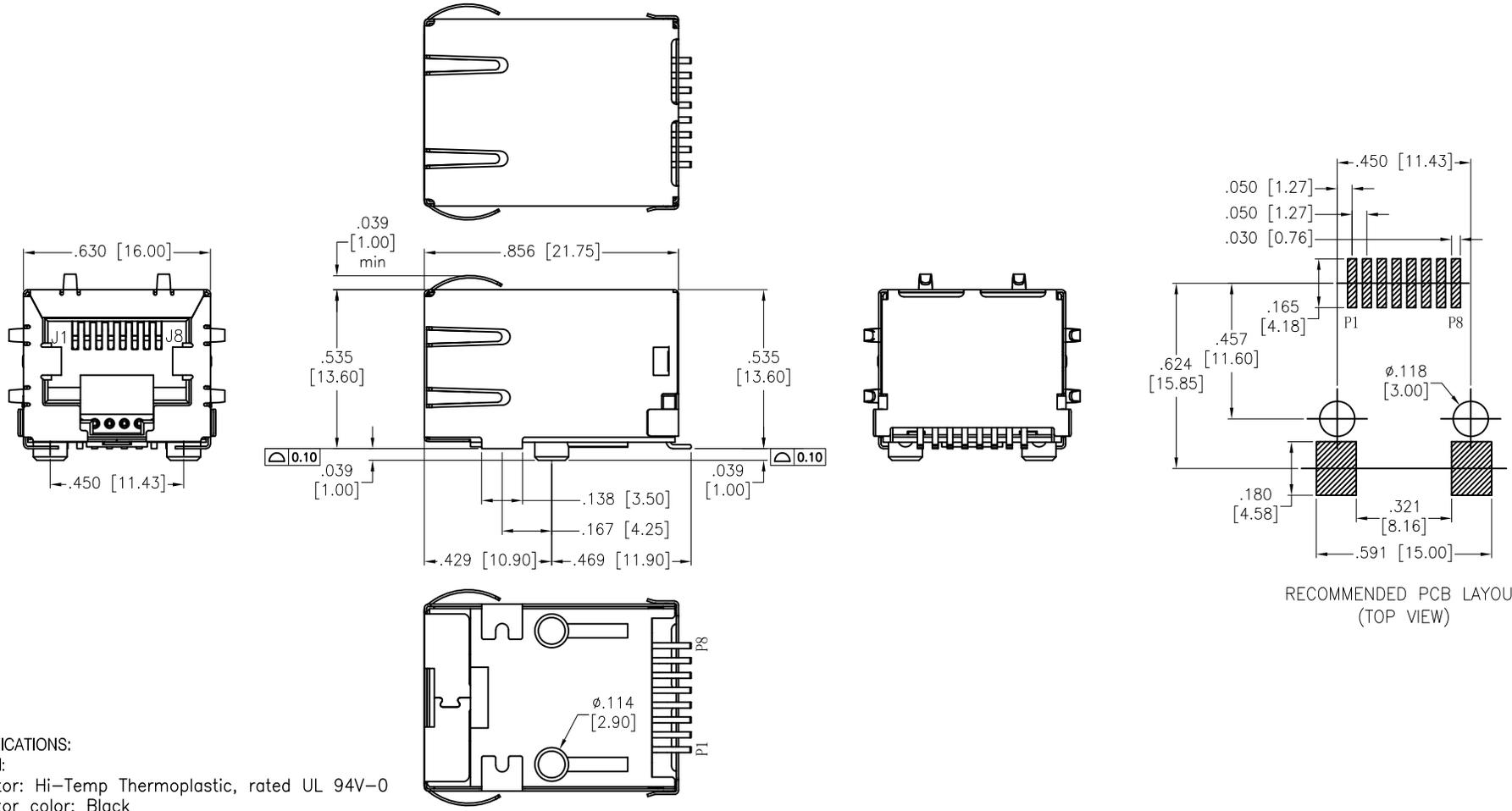


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	5/22/19	
A		ADDED DIM.	10/18/19	AY/LW



RECOMMENDED PCB LAYOUT
(TOP VIEW)

SPECIFICATIONS:

Material:
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Copper Alloy
 Shield: Copper Alloy, Nickel plated
 Contacts 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:
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1,500 VAC or 2,250 VDC for 1 minute
 Temperature Rating:
 Operating temperature: -40°C to +85°C
 Environmental:
 Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED			
INCHES		HOLES	
.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010
APPROVALS		DATE	
DRAWN	AY	5/22/19	
CHECKED	IL	5/22/19	
APPROVED			



TITLE
**MODULAR JACK GANGED, 1 PORT, 8P8C
 FULL SHIELD, SURFACE MOUNT TYPE**

SIZE	PART NO.	REV.
X	MTJ-88TX1-FS-PG-M4Y-SMT-T/R	A
REF:	S00101C	SCALE: NTS
		SHEET 1 OF 2

6 5 4 3 2 1

APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 2 FOR REVISION				

ELECTRICAL CHARACTERISTICS :

- INSERTION LOSS :
 - 1~100 MHZ -1.0dB MAX.
- RETURN LOSS(LOAD 100Ω) :
 - 1~30 MHZ -18dB MIN
 - 30~60 MHZ -16dB MIN
 - 60~80 MHZ -10dB MIN
- COMMON MODE REJECTION
 - 1~100 MHZ -30dB MIN
- CROSS TALK
 - 1~100 MHZ -30dB MIN
- INDUCTANCE @ 100KHZ, 0.1V, 8MA DC BIAS
 - (P1-P2),(P3-P6) : 350 uH MIN
- DCR
 - (J1-J2),(J3-J6) : 1.2 Ohm MAX
- HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
- URNS RATION 100KHZ
 - (P1-P2) : (J1-J2) = 1:1 ±%3
 - (P3-P6) : (J3-J6) = 1:1 ±%3

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	∅.X	±.10
.XX	± .020	∅.XX	±.015
.XXX	± .015	∅.XXX	±.010

APPROVALS		DATE
DRAWN	AY	5/22/19
CHECKED	IL	5/22/19
APPROVED		

TITLE MODULAR JACK GANGED, 1 PORT, 8P8C FULL SHIELD, SURFACE MOUNT TYPE		
SIZE X	PART NO. MTJ-88TX1-FS-PG-M4Y-SMT-T/R	REV. A
REF: S00101C	SCALE: NTS	SHEET 2 OF 2

6 5 4 3 2 1