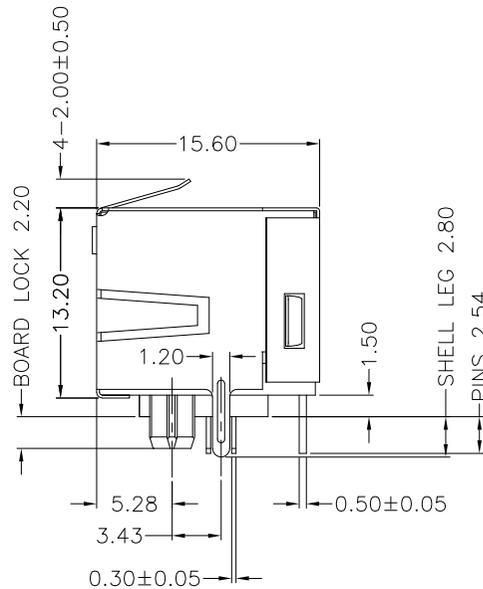
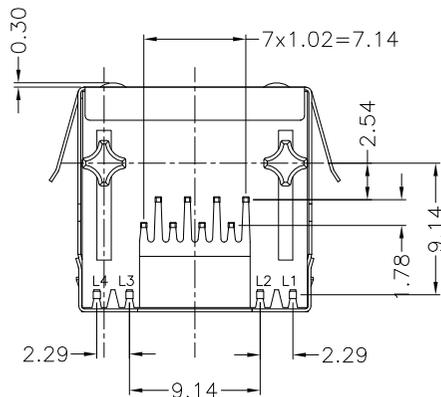
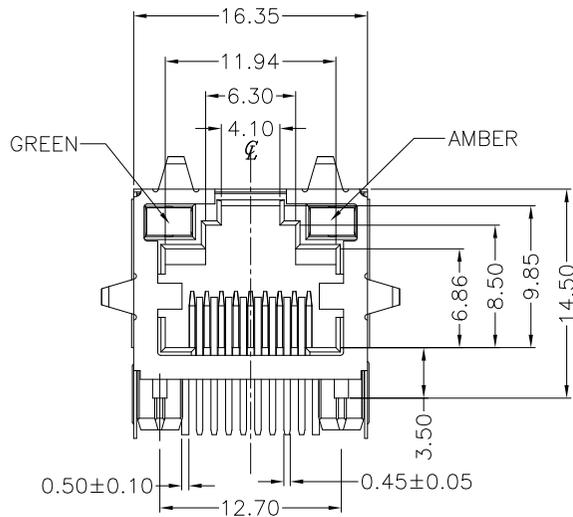


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2018/04/26	Phebe Su
A1			Sealing on the back side of housing and change the shrapnel type	2019/03/13	Phebe Su



NOTES:

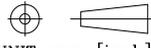
- MATERIALS:
HOUSING: PBT, UL94V-0, BLACK.
CONTACTS: T=0.30 mm PHOSPHOR BRONZE, 50u" Min. NICKEL UNDERPLATE 100u" Min. TIN ON SOLDER TAIL GOLD 1u" ON CONTACT AREA.
SHELL: STAINLESS T=0.20 NICKEL 30u" Min. OVERALL
- OPERATING TEMPERATURE: -40°C ~ +85°C
- LED SPEC
 - FORWARD VOLTAGE: 1.8~2.4V
 - REVERSE CURRENT: 10uA MAX
 - PEAK WAVE LENGTH:
GREEN: 565~575nm, AMBER: 600~610nm
- ELECTRICAL:
 - VOLTAGE: 125VAC
 - RATING: 1.5A
 - CONTACT RESISTANCE: 20mΩ MAX
 - INSULATION: 500MΩ MIN.
 - DIELECTRIC:
AC 1KV 1mA, 60S BETWEEN ADJACENT CONTACTS
AC 1.5KV 1mA, 60S, BETWEEN CONTACTS AND SHELL

MATRIX PART NO:

MRJN-11T837TRS
 Matrix-RJ45
 F: 10/100
 G: 10/100/1000
 N: Pure Connector
 11: 1X1 ; 21: 2X1
 12: 1X2 ; 22: 2X2
 14: 1X4 ; 24: 2X4
 16: 1X6 ; 26: 2X6
 18: 1X8 ; 28: 2X8
 1U: RJ+USB
 RS: ROHS
 HF: Halogen Free
 Industrial temperature
 Series Number
 S: SMD
 T: THT

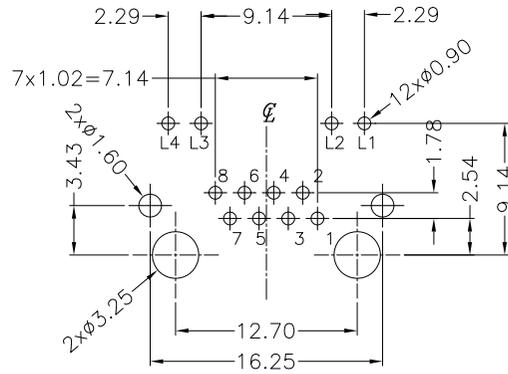


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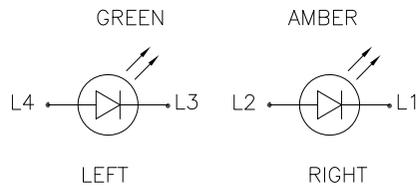
TOLERANCE: X X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 ANGLE: ±3°	DESIGN BY : Phebe Su	DATE : 2019/03/13	PART NAME: RJ45, CONNECTORS, W/LED&SHIELDING	
 UNIT: mm [inch] SCALE: 1:1 SIZE: A4	CHECKED BY: Vicky Hsieh	DATE : 2019/03/13	PART NO.	MRJN-11T837TRS
	APPROVED BY1: Richard Hsieh	DATE : 2019/03/13	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2019/03/13	DRAW NO.	
			SHEET NO.	1 OF 2

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2018/04/26	Phebe Su
A1			Sealing on the back side of housing and change the shrapnel type	2019/03/13	Phebe Su



RECOMMENDED PCB LAYOUT
COMPONENT SIDE
TOLERANCE ±0.05

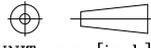


CATEGORY C6A CHARACTERISTIC:

Frequency	Near-End Cross Talk Min.(dB)	Return Loss Min.(dB)	Attenuation Max.(dB)
1.0Mhz	75.0	35.0	0.15
4.0Mhz	75.0	35.0	0.15
10.0Mhz	72.0	35.0	0.15
16.0Mhz	68.3	35.0	0.15
25.0Mhz	64.8	35.0	0.15
31.25Mhz	60.3	30.0	0.20
62.5Mhz	56.2	26.2	0.20
100.0Mhz	50.3	22.3	0.25
200.0Mhz	45.6	16.7	0.35
250.0Mhz	41.9	15.0	0.40
300.0Mhz	40.2	14.2	0.45
4000Mhz	38.2	13.1	0.50
500.0Mhz	35.9	11.2	0.60



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 ANGLE: ±3°	DESIGN BY : Phebe Su	DATE : 2019/03/13	PART NAME: RJ45,CONNECTORS,W/LED&SHIELDING	
	CHECKED BY: Vicky Hsieh	DATE : 2019/03/13	PART NO.	MRJN-11T837TRS
 UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2019/03/13	MOLD NO.	NA
	SCALE:1:1 SIZE:A4	APPROVED BY2: Richard Hsieh	DATE : 2019/03/13	DRAW NO.