



NOTES: UNLESS OTHERWISE SPECIFIED

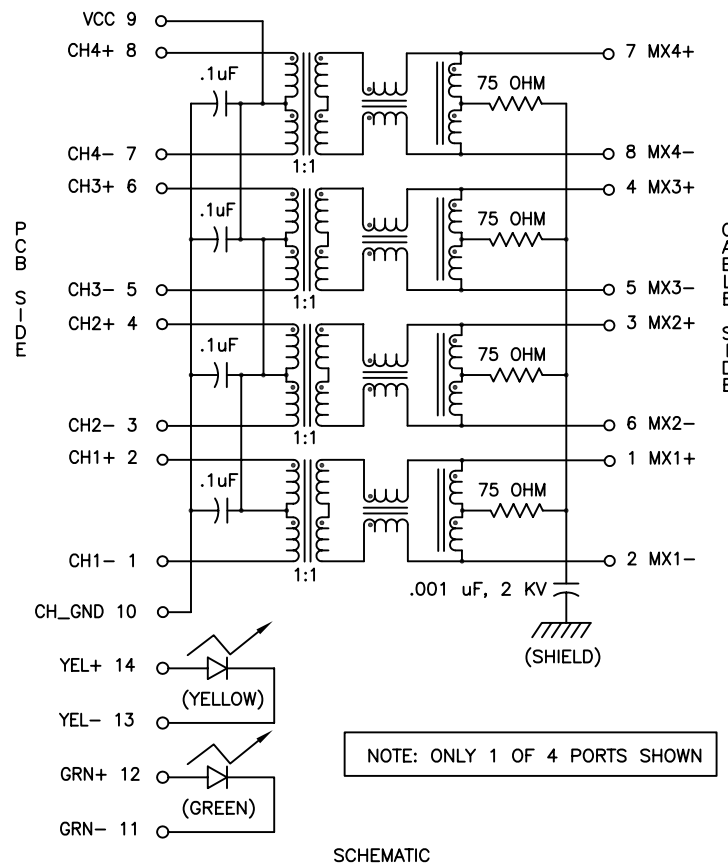
- THIS COMPONENT CONFORMS TO UL60950, UL FILE NO. IS: E216117.

WARNING: 	THIS COMPONENT IS RECOGNIZED BY ONE OR MORE SAFETY AGENCIES SUCH AS UL, VDE, CSA AND/OR TUV. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER QUALITY DEPARTMENT FOR SAFETY AGENCY COMPLIANCE.	EDN APPROVAL:
		QA APPROVAL:
		DATE:

-

NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
	

- PLASTIC HOUSING: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
- CONTACT BASE MATERIAL: PHOSPHOR BRONZE.
- CONTACTS UNDERPLATE: 50 MICROINCHES DUCTILE NICKEL.
- CONTACTS PLATING: 30 MICROINCHES GOLD PLATING.
- SOLDER TAIL PLATING MATERIAL: 150-300 MICROINCHES 100% TIN, MATTE FINISH.
- METAL SHIELD: NICKEL PLATING ON COPPER ALLOY.
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F.
- PCB PLATING: ENIG
- SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, IPC/EIA J-STD-003A.
- OPERATING TEMPERATURE: 0°C TO +70°C
- STORAGE TEMPERATURE: -20°C TO +125°C
- JEDEC MOISTURE: LEVEL 1.
- DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
.XX= ±.02 [±0.5]
.XXX= ±.010 [±0.25]



ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

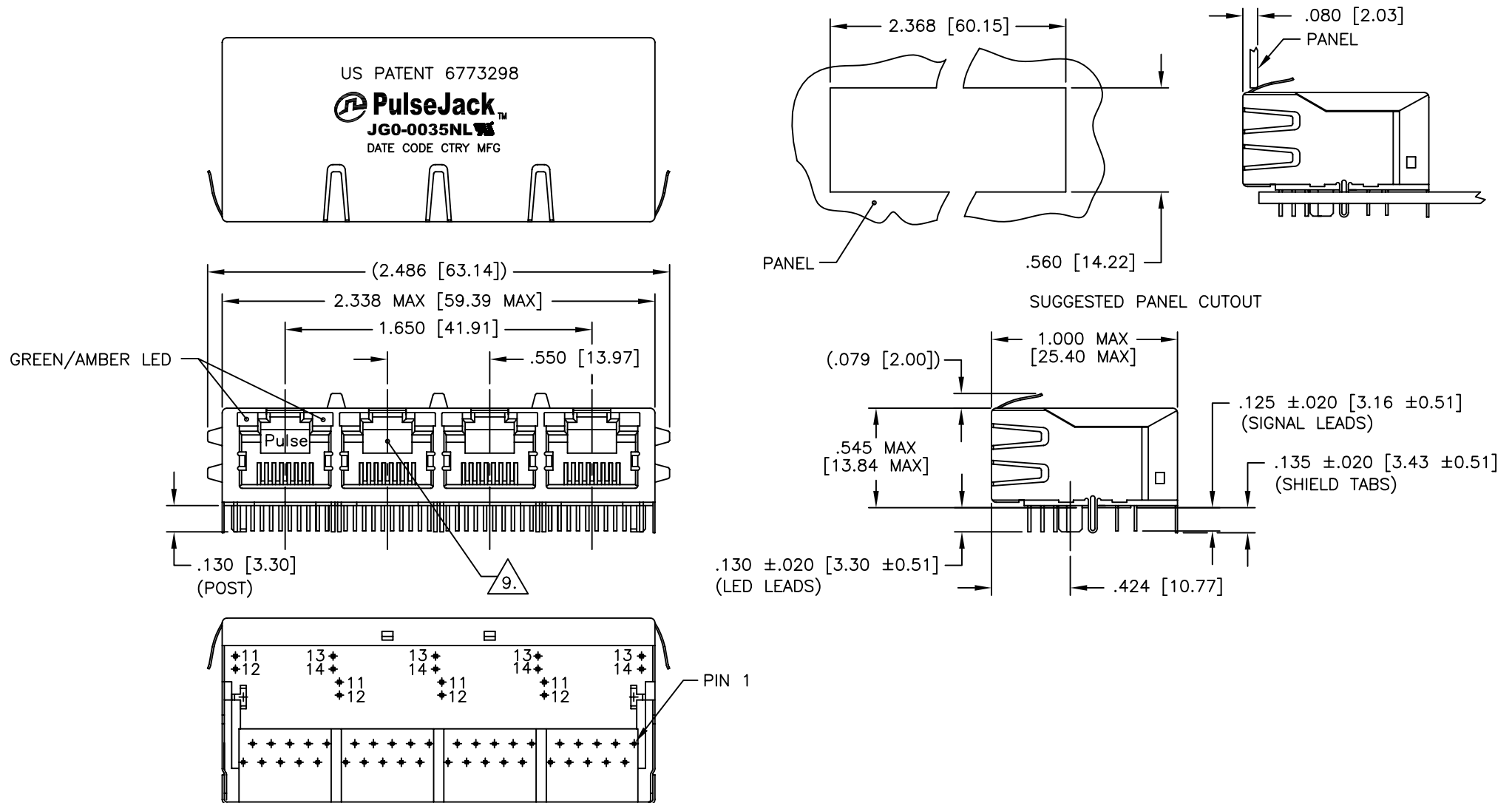
PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C - 70 °C	
URNS RATIO	1 : 1 ±2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100 KHz	1-125 MHz
	-1.2 dB MAX	-0.2-0.002*f ^{1.4} dB MAX
RETURN LOSS, 1000BT (Z OUT = 100 OHM)	.1-40 MHz	40-100 MHz
	-18 dB MIN	-12+20*LOG ₁₀ (f/80 MHz) dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)	350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)	
CROSSTALK, ADJACENT CHANNELS	1 MHz	10-100 MHz
	-40 dB MIN	-40+10*LOG ₁₀ (f/10) dB MIN
COMMON MODE REJECTION RATIO	2 MHz	30-200 MHz
	-50 dB MIN	-15+20*LOG ₁₀ (f/200) dB MIN
INPUT - OUTPUT ISOLATION	1500 VRMS MIN AT 60 SECONDS	

NOTE: f IS FREQUENCY IN MHz.

EMMITED COLOR	GREEN	YELLOW
WAVELENGTH (nm)	565 nm	585 nm
BRIGHTNESS (mCD)	8 TO 12 TYP. @ 20mA	8 TO 12 TYP. @ 20 mA
VIEWING ANGLE	100°	100°
POWER DISSIPATION (Pd)	68 mW MAX	68 mW MAX
DC FORWARD CURRENT	25 mA MAX	30 mA MAX
REVERSE VOLTAGE (Vr)	5.0 V MAX	5.0 V MAX

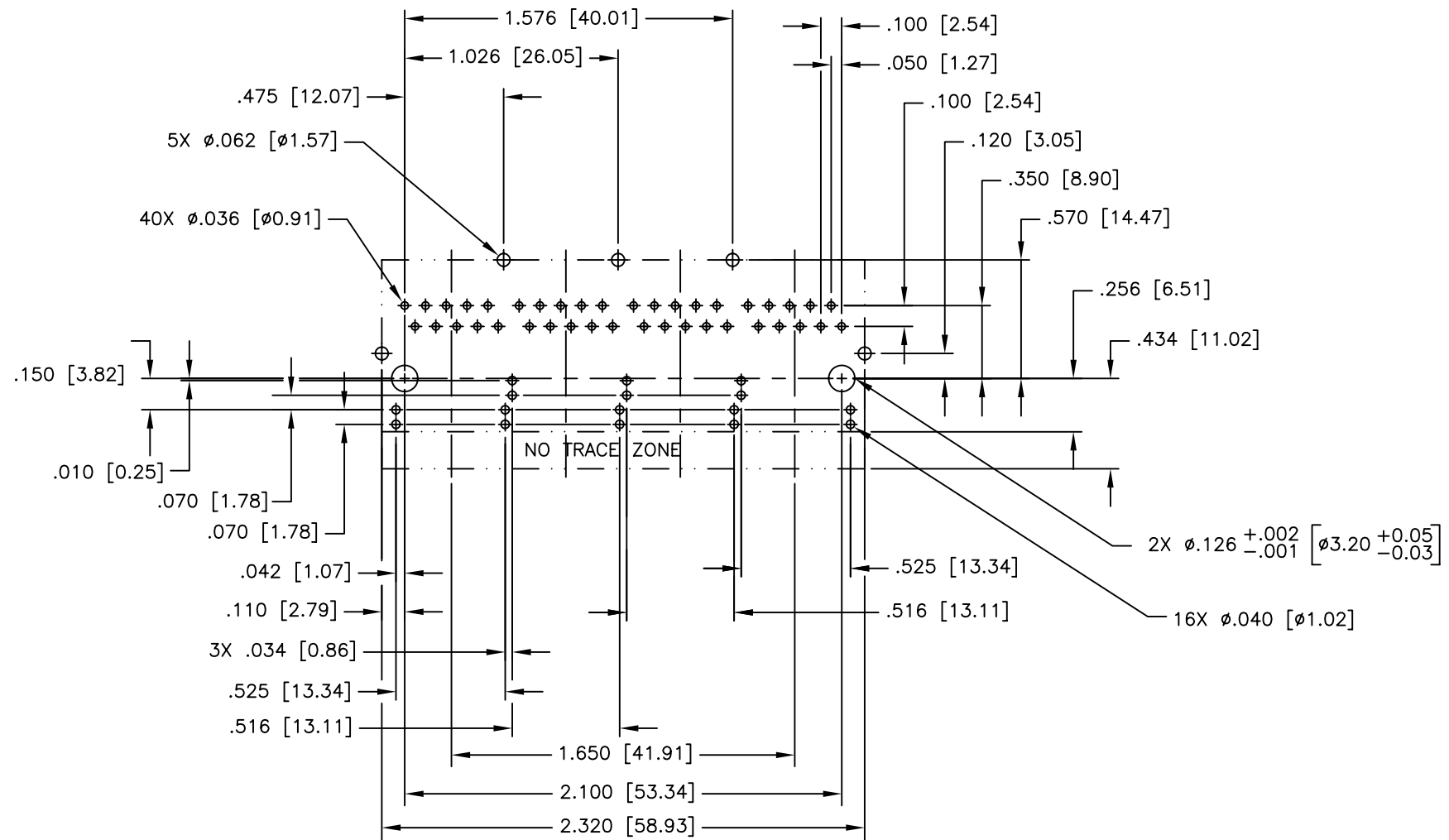
NOTE: PER VENDOR'S SPECIFICATIONS

PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	CONN,RJ45,1X4,1GD,1:1,TY	PS-2098.003-N	1	JG0-0035NL	M13



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	CONN,RJ45,1X4,1GD,1:1,TY	PS-2098.003-N	2	JG0-0035NL	M13



SUGGESTED FOOTPRINT (COMPONENT SIDE SHOWN)
 DIMENSIONAL TOLERANCE: (UNLESS OTHERWISE SPECIFIED)
 .XXX $\pm .003$ [X.XX ± 0.08]

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	CONN,RJ45,1X4,1GD,1:1,TY	PS-2098.003-N	3	JG0-0035NL	M13

Mouser Electronics

Authorized Distributor

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