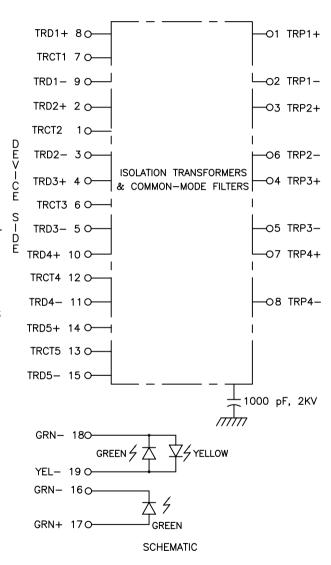


NOTES: UNLESS OTHERWISE SPECIFIED

1. NOTICE: THIS IS A ROHS AND HALOGEN FREE COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.

- 2. PLASTIC HOUSING: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
- CONTACT BASE MATERIAL: PHOSPHOR BRONZE.
- 4. CONTACTS UNDERPLATE: 50 MICROINCHES DUCTILE NICKEL.
- 5. CONTACTS PLATING: 30 MICROINCHES GOLD PLATING.
- SOLDER TAIL PLATING MATERIAL: 200-500 MICROINCHES 100% TIN, MATTE FINISH.
- 7. METAL SHIELD: NICKEL PLATING ON COPPER ALLOY.
- 8.\ JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F.
- 9. PCB PLATING: HASL
- SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, IPC/EIA J-STD-003A.
- 11. OPERATING TEMPERATURE: 0°C TO +70°C
- 12. STORAGE TEMPERATURE: -20°C TO +125°C
- 13. JEDEC MOISTURE: LEVEL 1.
- 14. DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES:

 $X.XXX = \pm .010 [\pm 0.25]$



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

PARAMETER	SPECIFICATIONS					
OPERATING TEMP	0°C TO +70°C					
TURNS RATIO	1.00 ± 2%					
POLARITY	PER SCHEMATIC					
INSERTION LOSS	100 KHz	100 KHz 1-400 MHz			MHz	
(DATA CHANNELS)	-3.0 dB MAX	-2.0	dΒ	MAX	(-1.4 dB TYP)	
INSERTION LOSS		3-500	МН	z		
(CM SENSE CHANNELS)	-5.0 dB MAX (-4 dB TYP)					
RETURN LOSS	1-100 MHz	2	100 MHz-500 MHz		-500 MHz	
$(Z OUT = 100 OHM \pm 1\%)$	-22 dB MIN	-2	-22 + 18.27*LOG (f/100			
INDUCTANCE (OCL)	180 uH MIN @ 100 kHz, 100 mV			Hz, 100 mV		
CROSSTALK, ADJACENT	1-100 MHz			100-500 MHz		
CHANNELS	-28 dB N	-28 dB MIN		-19	dB MIN	
COMMON MODE	1-100 MHz	100-3	00	MHz	300-500 MHz	
REJECTION RATIO	-35 dB MIN	-30 d	dB N	ΛIN	-25 dB MIN	
COMMON TO DIFFERENTIAL	1-250 MHz			250-500 MHz		
MODE REJECTION (CDMR)	-30 dB MIN			-22 dB MIN		
INPUT — OUTPUT ISOLATION	2250 VDC MIN @ 60 SECONDS			SECONDS		

NOTE: f IS FREQUENCY IN MHz.

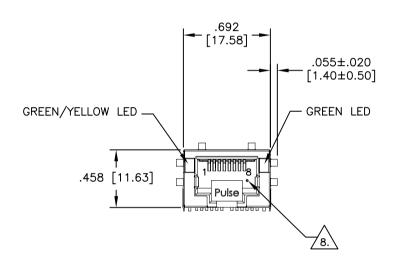
EMMITTED COLOR	GREEN	YELLOW		
WAVELENGTH (nM)	565	588		
POWER DISSIPATION (Pd)	105 mW MAX	100 mW MAX		
DC FORWARD CURRENT	25 mA MAX	30 mA MAX		
FORWARD VOLTAGE (VF) @20mA	2.2 V TYP	2.1 V TYP		
	BICOLOR —			

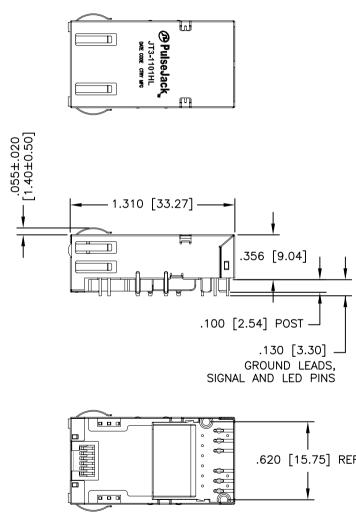
NOTE: PER VENDOR'S SPECIFICATION

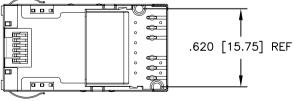
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PULSE CONFIDENTIAL	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
PROPRIETARY	CONN,RJ45,1X1,10GD,5CH	PS-2714.001-D	1	JT3-1101HL	M10





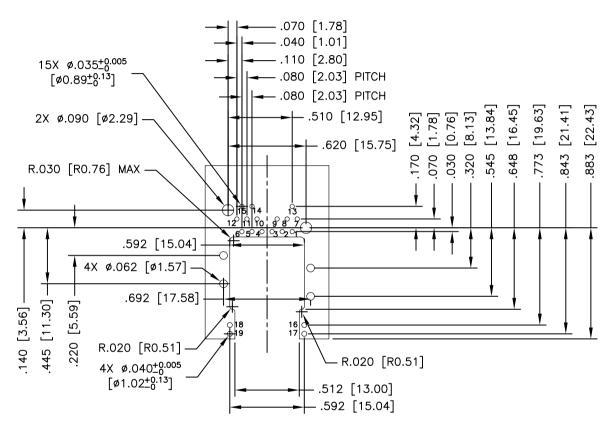




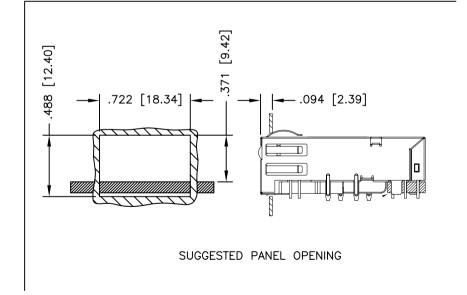
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PULSE CONFIDENTIAL	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
PROPRIETARY	CONN,RJ45,1X1,10GD,5CH	PS-2714.001-D	2	JT3-1101HL	M10





SUGGESTED FOOTPRINT (COMPONET SIDE SHOWN)
ALL DIMENSION ARE SHOWN IN MILLIMETERS.
DIMENSIONS SHOWN IN BRACKETS ARE INCHES.
UNLESS OTHERWISE SPECIFIED THE TOLERANCE APPLY
X.XXX [X.XX]=±.003 [±0.08]



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PULSE CONFIDENTIAL	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
PROPRIETARY	CONN,RJ45,1X1,10GD,5CH	PS-2714.001-D	3	JT3-1101HL	M10

Mouser Electronics

Authorized Distributor

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