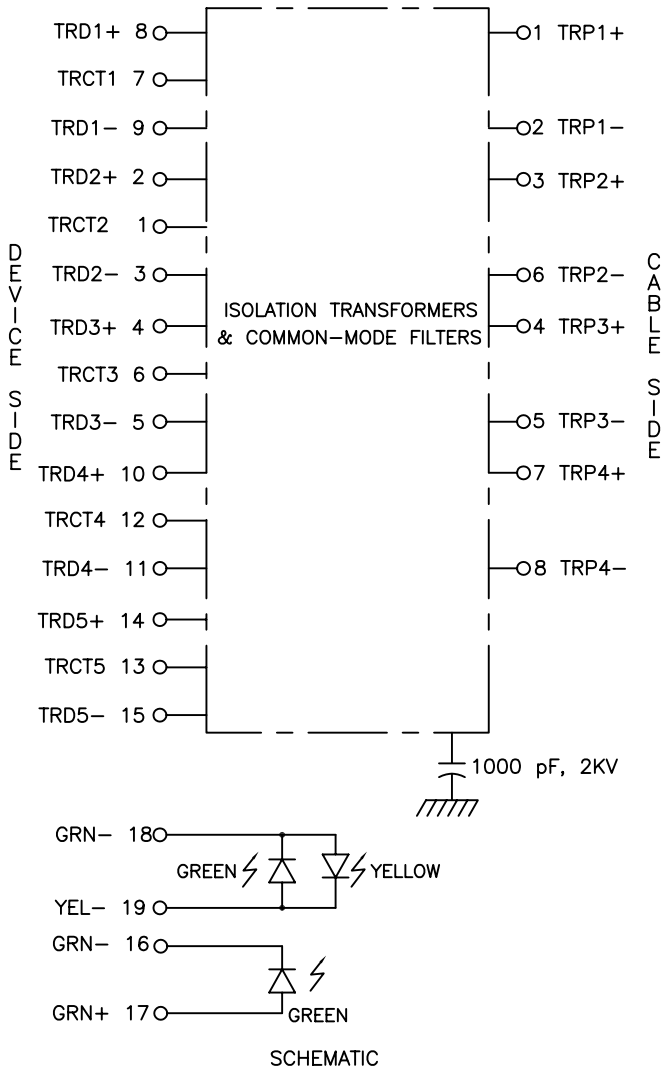
Pulse Electronics
www.pulseelectronics.com

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.
RoHS+HF ✓	

2. PLASTIC HOUSING: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. CONTACT BASE MATERIAL: PHOSPHOR BRONZE.
4. CONTACTS UNDERPLATE: 50 MICROINCHES DUCTILE NICKEL.
5. CONTACTS PLATING: 30 MICROINCHES GOLD PLATING.
6. 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
10. 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= ±.010 [±0.25]



SCHEMATIC

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 (DATA CHANNELS)	100 KHz	1-400 MHz	
	-3.0 dB MAX	-2.0 dB MAX (-1.4 dB TYP)	
INSERTION LOSS (CM SENSE CHANNELS)	3-500 MHz		
	-5.0 dB MAX (-4 dB TYP)		
RETURN LOSS (Z OUT = 100 OHM ± 1%)	1-100 MHz	100 MHz-500 MHz	
	-22 dB MIN	-22 + 18.27*LOG (f/100)	
INDUCTANCE (OCL)	180 uH MIN @ 100 kHz, 100 mV		
CROSSTALK, ADJACENT CHANNELS	1-100 MHz	100-500 MHz	
	-28 dB MIN	-19 dB MIN	
COMMON MODE REJECTION RATIO	1-100 MHz	100-300 MHz	300-500 MHz
	-35 dB MIN	-30 dB MIN	-25 dB MIN
COMMON TO DIFFERENTIAL MODE REJECTION (CDMR)	1-250 MHz	250-500 MHz	
	-30 dB MIN	-22 dB MIN	
INPUT - OUTPUT ISOLATION	2250 VDC MIN @ 60 SECONDS		

NOTE: f IS FREQUENCY IN MHz.

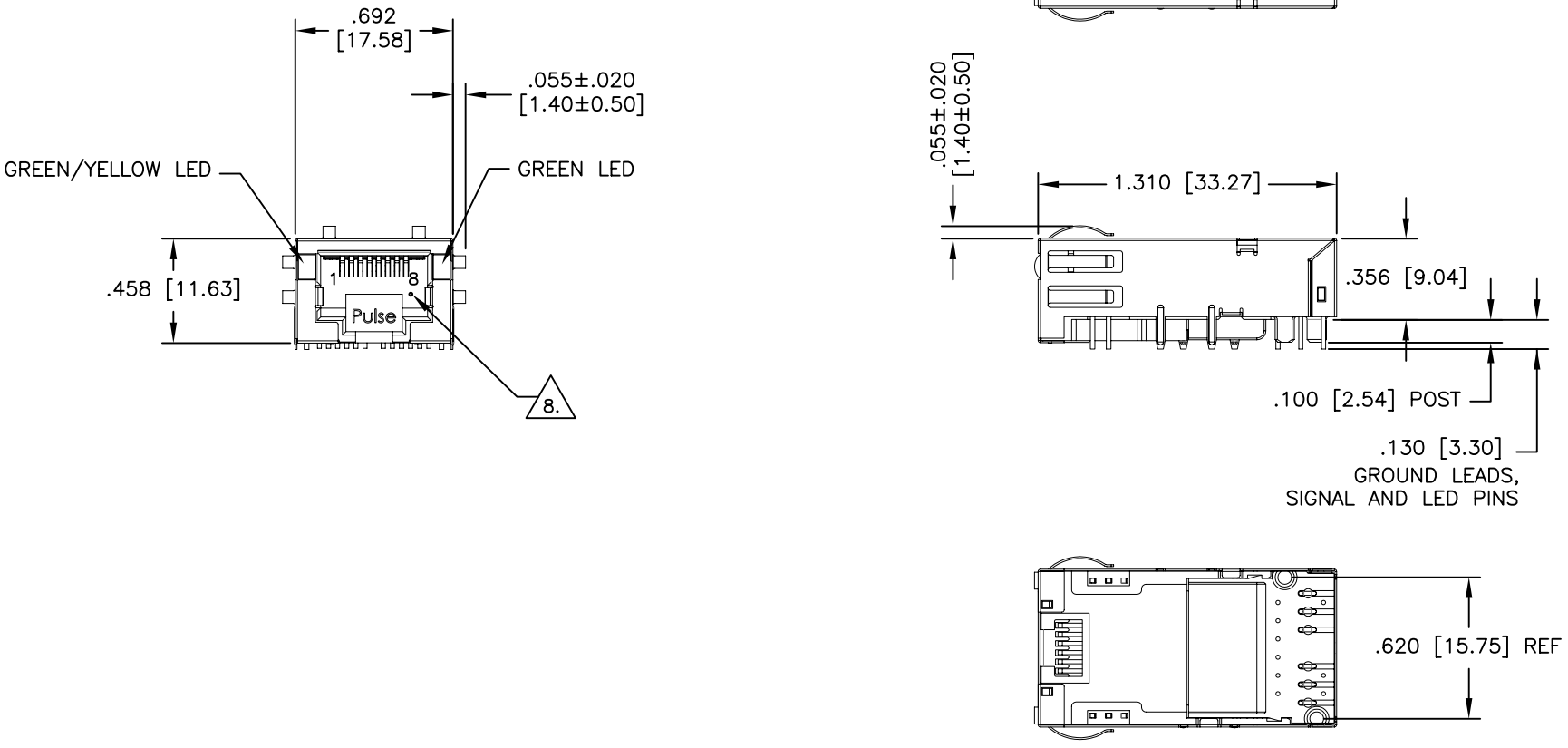
EMMITTED COLOR	GREEN	YELLOW
WAVELENGTH (nM)	565	588
POWER DISSIPATION (Pd)	105 mW MAX	100 mW MAX
DC FORWARD CURRENT	25 mA MAX	30 mA MAX
FORWARD VOLTAGE (VF) @20mA	2.2 V TYP	2.1 V TYP

BICOLOR

NOTE: PER VENDOR'S SPECIFICATION

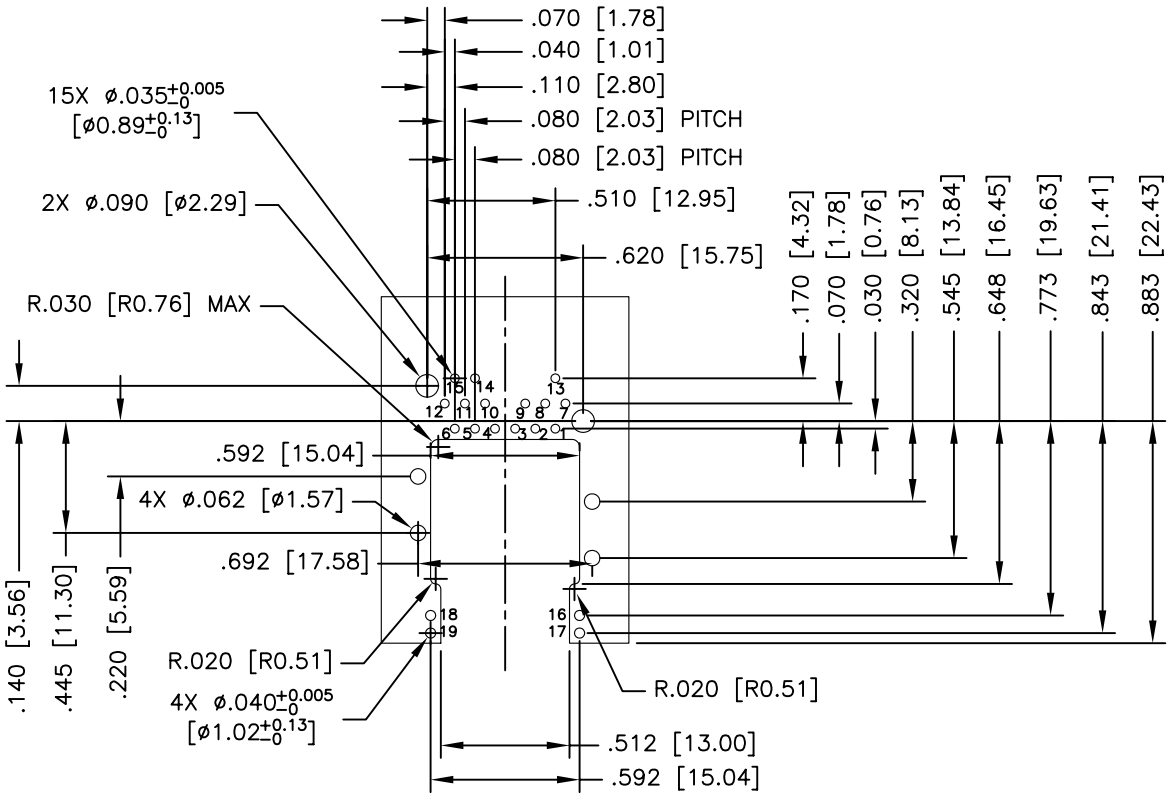
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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	CONN,RJ45,1X1,10GD,5CH	PS-2714.001-D	1	JT3-1101HL	M10

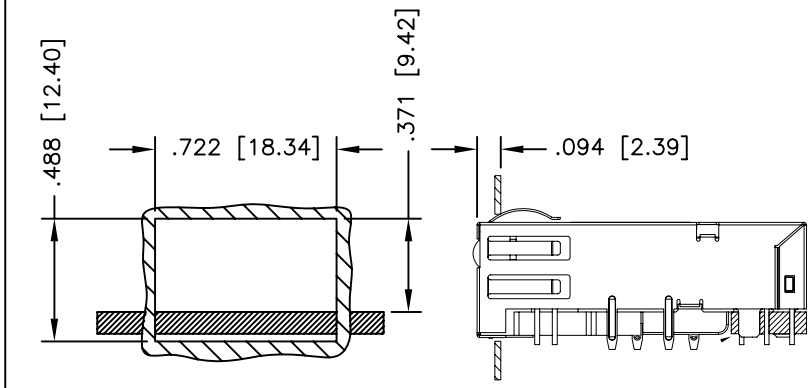


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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	CONN,RJ45,1X1,10GD,5CH	PS-2714.001-D	2	JT3-1101HL	M10



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]



SUGGESTED PANEL OPENING

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

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Global Electronic Components Distributor

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DPX1608LKF3R2460A JXD0-2015NL BSPQ000603043N0B00 PA2744NL PA4320.334NLT PAT6261.003NLT PD617-6000M243 PE-68386NLT PA4341.221NLT PA4343.361NLT PA4343.451NLT W1093 W3078 W3334B0150 BDHE002520122R2MQ1 P0585NL PA4341.301NLT W1902 PA0369NL PE-67100NL ANT1204F007R0870A AWCS0012070736NJ00 BSPQ000603041N4B00 JXD2-0Z10NL PD380-4000S1NF PG2290.151HLT PGL6395.121HLT BBUP00201209121Y00 E5J88-032-02-L PA4320.104NLT