Pulse
A TECHNITROL COMPANY
www.pulseeng.com

NOTES: UNLESS OTHERWISE SPECIFIED

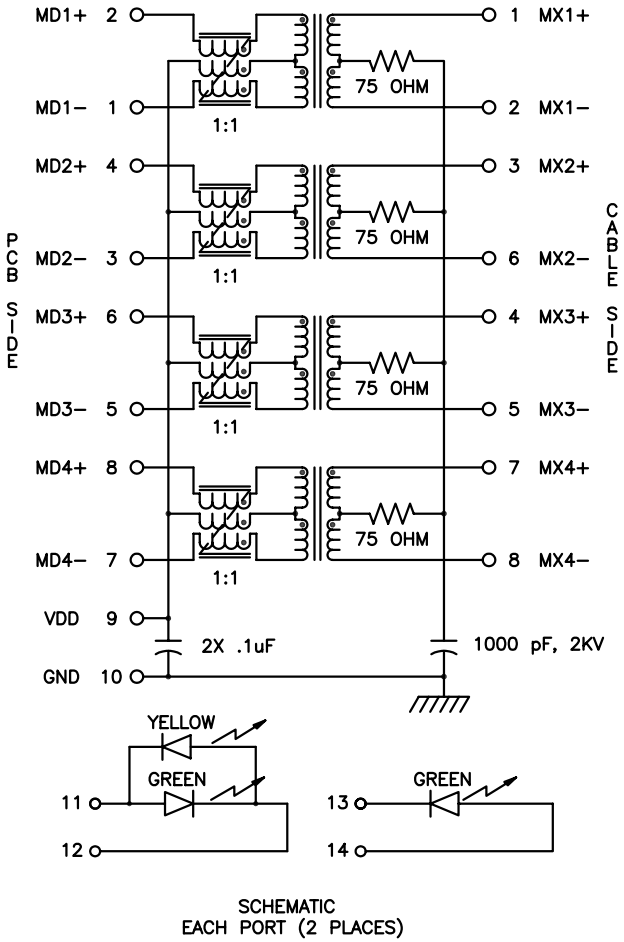
1. THIS COMPONENT CONFORMS TO UL60950. UL FILE NO. IS: E216117.

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.	ECN APPROVAL: QA APPROVAL: DATE:

2.

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

3. PLASTIC HOUSING: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
4. CONTACT BASE MATERIAL: PHOSPHOR BRONZE.
5. CONTACTS UNDERPLATE: 50 MICROINCHES DUCTILE NICKEL.
6. CONTACTS PLATING: 50 MICRO-INCH GOLD PLATING.
7. SOLDER TAIL PLATING MATERIAL: 200-500 uINCHES 100% TIN, MATTE FINISH.
8. METAL SHIELD: NICKEL PLATING ON COPPER ALLOY.
9. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F.
10. PCB PLATING: ENIG.
11. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, IPC/EIA J-STD-003A.
12. OPERATING TEMPERATURE: 0°C TO +70°C
13. STORAGE TEMPERATURE: -20°C TO +125°C
14. JEDEC MOISTURE: LEVEL 1.
15. DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
    .XX= ±.02 [±0.5]
    .XXX= ±.010 [±0.25]



SCHEMATIC
EACH PORT (2 PLACES)

NOTE 1: HIGH-VOLTAGE CAPACITOR IS COMMON FOR UPPER AND LOWER PORTS.

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

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	0°C ~ 70°C		
TURNS RATIO	1 : 1 ±2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS	100 KHz	1-100 MHz	125 MHz
	-1.2 dB MAX	$-0.2-0.002*f^{1.4}$ dB MAX	-3.0 dB MAX
RETURN LOSS (Z OUT=100 OHM ±15%)	.1-40 MHz	40-100 MHz	
	-16 dB MIN	$-10+20*\log_{10}$ (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	
	-50 dB MIN	$-52+22*\log_{10}$ (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	2250 VDC MINIMUM FOR 60 SECONDS		

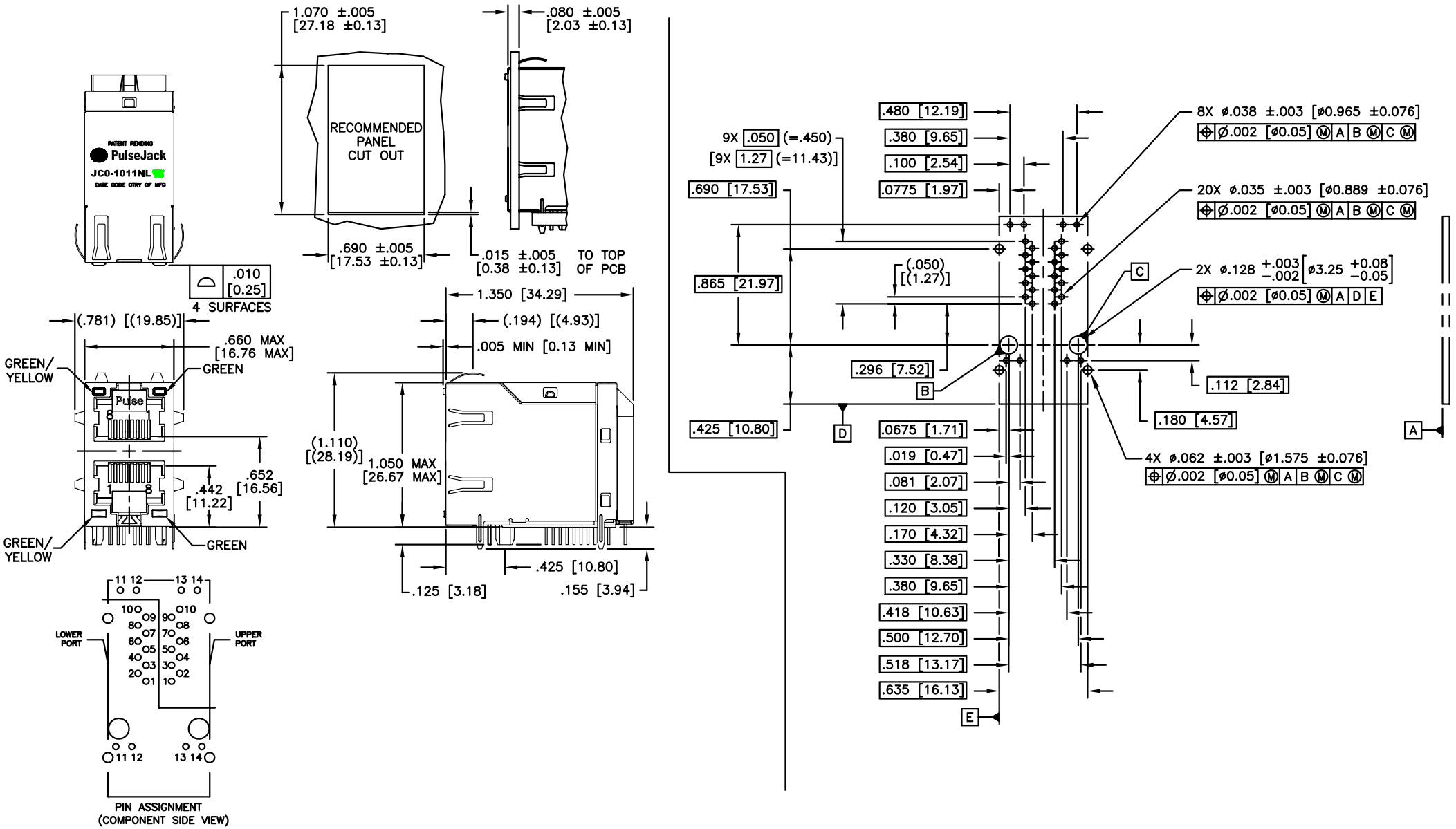
NOTE: f IS FREQUENCY IN MHz.

EMMITTED COLOR	BI-COLOR		SIGNLE-COLOR
	GREEN	YELLOW	GREEN
WAVELENGTH (nm)	565 nM	585 nM	568 nM
BRIGTHNESS (mCD)	8 TO 12 TYP. AT 20 mA	8 TO 12 TYP. AT 20 mA	8.5 TYP. AT 20 mA
VIEWING ANGLE	100°	100°	100°
POWER DISSIPATION (Pd)	68 mW MAX	68 mW MAX	85 mW MAX
DC FORWARD CURRENT	25 mA MAX	30 mA MAX	30 mA MAX
REVERSE VOLTAGE (Vr)	5.0 V MAX	5.0 V MAX	5.0 V MAX

NOTE: PER VENDOR'S SPECIFICATIONS

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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	CONN,RJ45,1GD,2X1,1:1,TY	PS-2316.004-A	1	JC0-1011NL	M10



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Unikeyic Electronics

Global Electronic Components Distributor

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