



**THE DATASHEET OF
JW0-0009**



WITH FLAMMABILITY

GOLD PLATING.
GOLD PLATING.

INZ

6% TIN, MATTE FINISH.

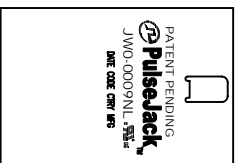
R ALLOY.

SUBPART.

C DIP AND LOOK TEST

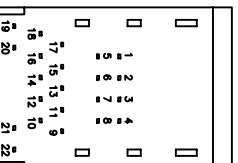
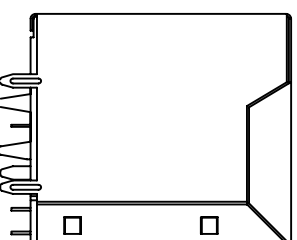
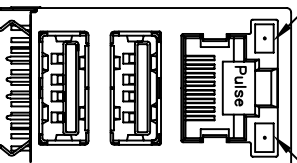
: SENSITIVE

ROUGH WAVE SOLDER



GREEN

YELLOW



BOTTOM VIEW

FINAL OUTLINE

All rights reserved. Pulse confidential & proprietary. (05/13/14)

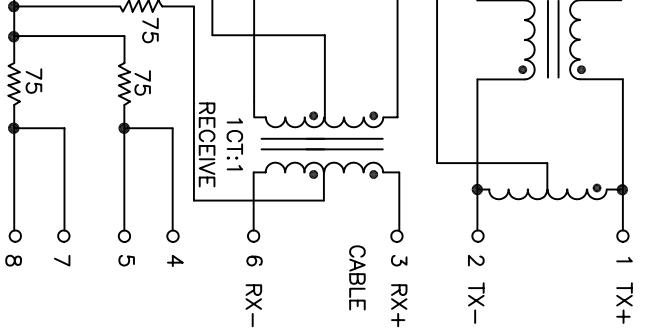
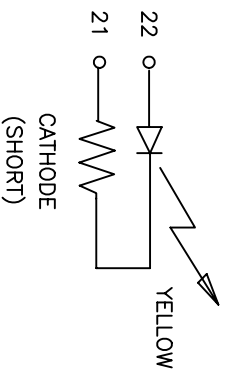
TITLE DRAWING NO-0009NL-11	PS DRAWING PS-2093.004-B	SHEET 1 OF 4	PART NO. JWO-0009NL	DATASHEET REV. A
-------------------------------	-----------------------------	-----------------	------------------------	---------------------

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C - 70°C	
TURNS 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	.1-30 MHz	30-60 MHz
(Z _{out} = 100 OHM ±15%)	-16 dB MIN	-10+20*LOG ₁₀ (f/60) 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	-55+22*LOG ₁₀ (f/10) dB MIN
COMMON MODE REJECTION RATIO (TYP.)	2 MHz	30-200 MHz
	-50 dB MIN	-15+20*LOG ₁₀ (f/200) dB MIN
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS	

NOTE: f IS FREQUENCY IN MHZ.

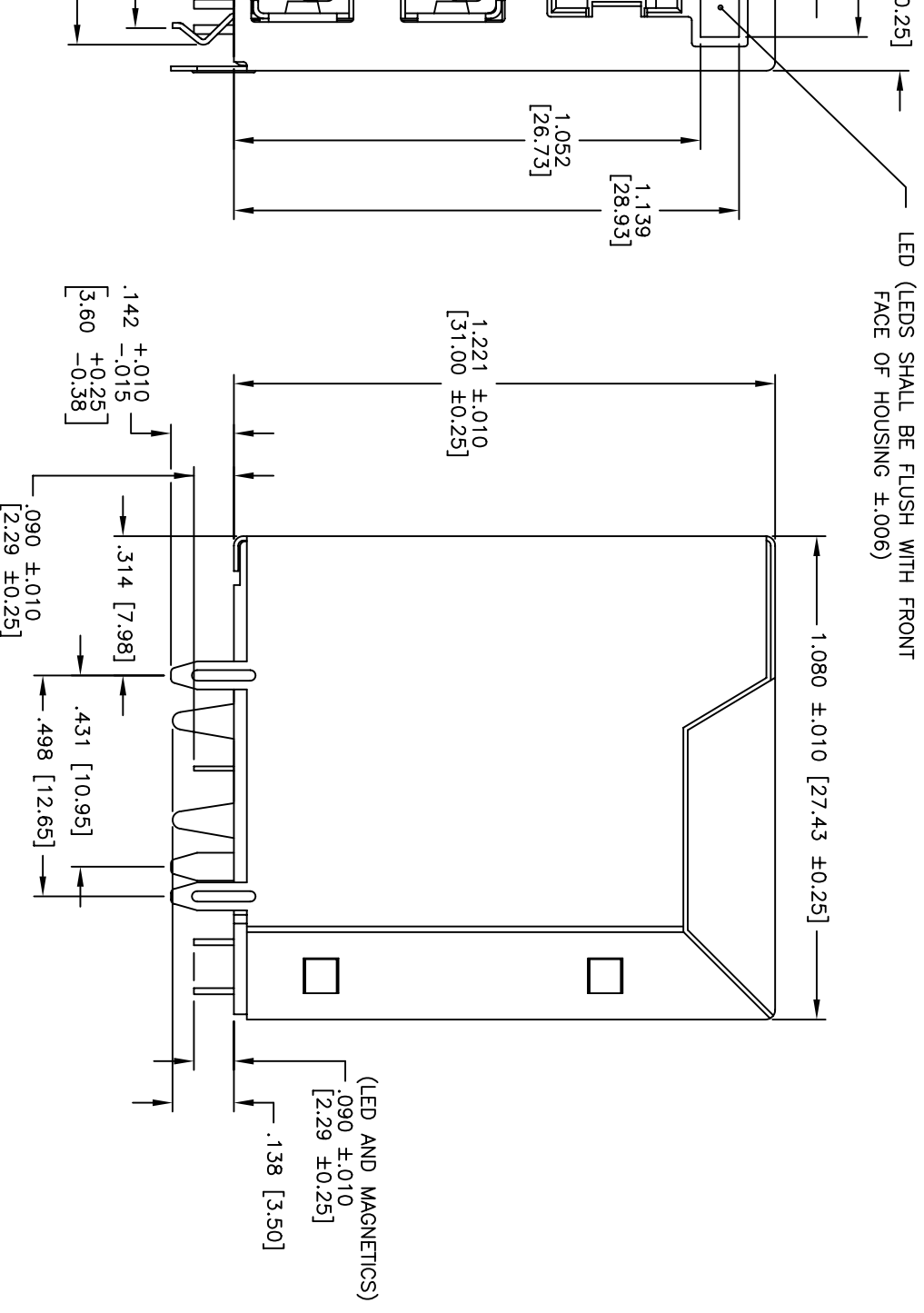
EMMITTED COLOR	GREEN	YELLOW
WAVELENGTH (nm)	568 nm	585 nm
BRIGHTNESS (mcd)	12 TYP. AT 20 mA	10 TYP. AT 20 mA
VIEWING ANGLE	100°	100°
POWER DISSIPATION (Pd)	68 mW MAX	68 mW MAX
DC FORWARD CURRENT	150 mA MAX	150 mA MAX
REVERSE VOLTAGE (Vr)	5.0 V MAX	5.0 V MAX
FORWARD VOLTAGE (Vf)	2.2 TO 2.7 VOLTS	2.1 TO 2.7 VOLTS



All rights reserved. Pulse confidential & proprietary. (05/13/14)

TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
NO-0009NL-11	PS-2093.004-B	2 OF 4	JWO-0009NL	A

LED (LEDS SHALL BE FLUSH WITH FRONT
FACE OF HOUSING ±.006)



WITH THE FOLLOWING
REFERENCE ONLY.

All rights reserved. Pulse confidential & proprietary. (05/13/14)

PS TITLE DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
WO-0009NL-11	PS-2093.004-B	3 OF 4	JWO-0009NL	A

EELECTRONICS.COM(Asia) PHONE: USA:858 674 8100, GERMANY:49 7032 78060, SINGAPORE:65 6287 8998, SHANGHAI:86 21 62787060, TAIWAN:886 3 4356768

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View JW0-0009 on WIN SOURCE](#)

 [Pulse Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management