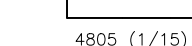
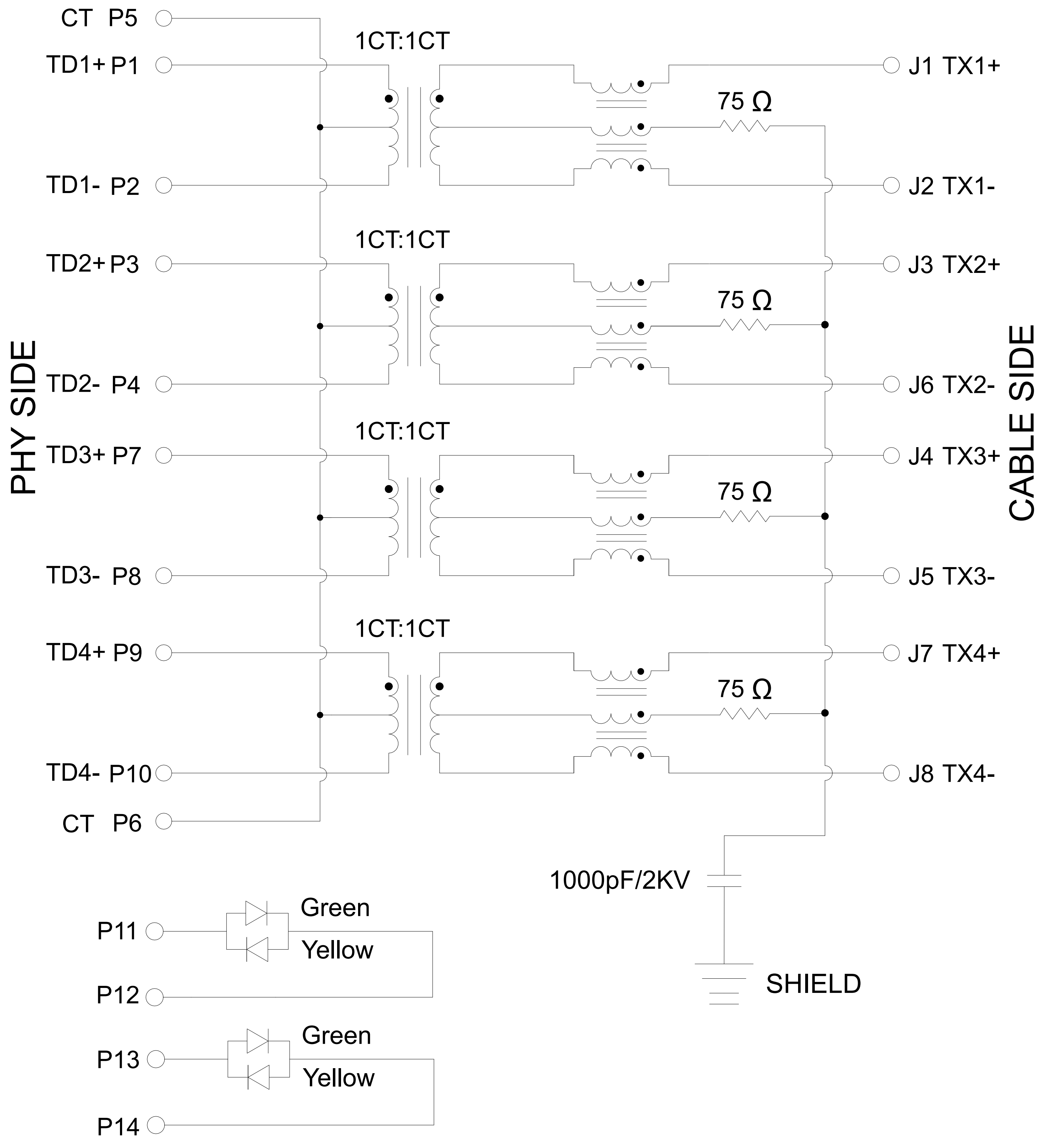


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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 11/JUN/2024 RAMESH KIVADER CHK 11/JUN/2024 RAMESH KIVADER APVD 11/JUN/2024 PS SATHISH		TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.10 1 PLC ± 0.25 2 PLC ± 0.25 3 PLC ± 0.25 4 PLC ± 0.25 ANGLES ± 2		NAME RJ45 1X1 Tab Down/Through Hole 10G Base-T W/Led —	
		PRODUCT SPEC — APPLICATION SPEC —		SIZE CAGE CODE DRAWING NO A1 00779 C=2488942	
MATERIAL —		FINISH —		RESTRICTED TO —	
CUSTOMER DRAWING		SCALE 1:1		SHEET 1 of 2 REV A	

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
TURNS RATIO	1:1±3%
INDUCTANCE(OCL)	350uH MIN@100KHz/100mV With 8mA DC Bias
INSERTION LOSS	-1.0dB MAX@0.3MHz-100MHz;
RETURN LOSS (Z out=100 OHM)	-18dB MIN@1MHz-30MHz; -16dB MIN@30MHz-60MHz; -12dB MIN@60MHz-80MHz; -10dB MIN@80MHz-100MHz;
CROSSTALK (ADJACENT CHANNELS)	-30dB MIN@1MHz-100MHz;
COMMON MODE REJECTION RATIO	-30dB MIN@1MHz-100MHz;
HI-POT	2250 VDC@60 SECONDS

LED SPECIFICATION			
STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	570nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2488942-2](#)