

31.38±0.38 [1.235±.015]Ref.

Marking

2496726-X
YYWWD


Note:
X= 1,2,3,4,5,6
YYWWD
YY=YEAR
WW=WEEK
D=1 for Sunday - 7 for Saturday

31.18 [1.228]

13.97 [.550]

Light Pipe

UPPER

J8

J1

LOWER

J1

J8

A

C

Light Pipe

0.25(RJ)

0.25(GND)

25.40 [1.000]

30.98±0.38

3.00 [.118]

3.00 [.118]

NOTE :

1.HOUSING:GLASS FILLED PA6T(BLACK) UL94V-0(ROHS)

2.CONTACT: PHOSPHOR BRONZE,50 MICROINCHES MIN. OVERALL DUCTILE NICKEL UNDERPLATE WITH (REFER PART NUMBER TABLE) GOLD AT MATING INTERFACE

3.SHIELD:0.2mm THICKNESS WITH BRASS.

4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F

5.THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX,10 SECS MAX.

6.OPERATING TEMPERATURE:-40°C TO +85°C.
STORAGE TEMPERATURE:-40°C TO +85°C.

41.43±0.38 [1.631±0.015]Ref.

41.12±0.38 [1.619±0.015]

10X1.60±0.38

25.57 [1.007]

25.18 [.991]

10.93 [.430]

2.50 [.098]

4.75 [.187]

12.00 [.472]

19.25 [.758]

26.50 [1.043]

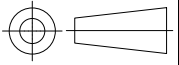
3.20 [.126]

3.65 [.144]

GF	2496726-6
0.0762 μm [3μ"]	2496726-5
0.1524 μm [6μ"]	2496726-4
0.381 μm [15μ"]	2496726-3
0.762 μm [30μ"]	2496726-2
1.27 μm [50μ"]	2496726-1
GOLD PLATING THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]



TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	0.35
2 PLC	±	0.25
3 PLC	±	0.15
4 PLC	±	-
ANGLES	±	2°

MATERIAL

FINISH

DWN
TARUN, R
30OCT2024

CHK
RAMESH, KIVADER
30OCT2024

APVD
RAGHAVAN, CG
30OCT2024

PRODUCT SPEC
108-161620

APPLICATION SPEC
114-161217

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
RJ45 W/MAGNET 2X2 5G LIGHT PIPE

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=2496726

RESTRICTED TO
-

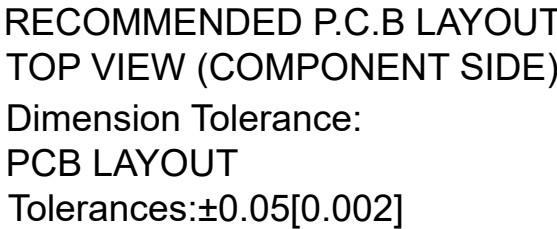
SCALE
1:1

SHEET
1 OF 3

REV
A

1471-9 (1/15)

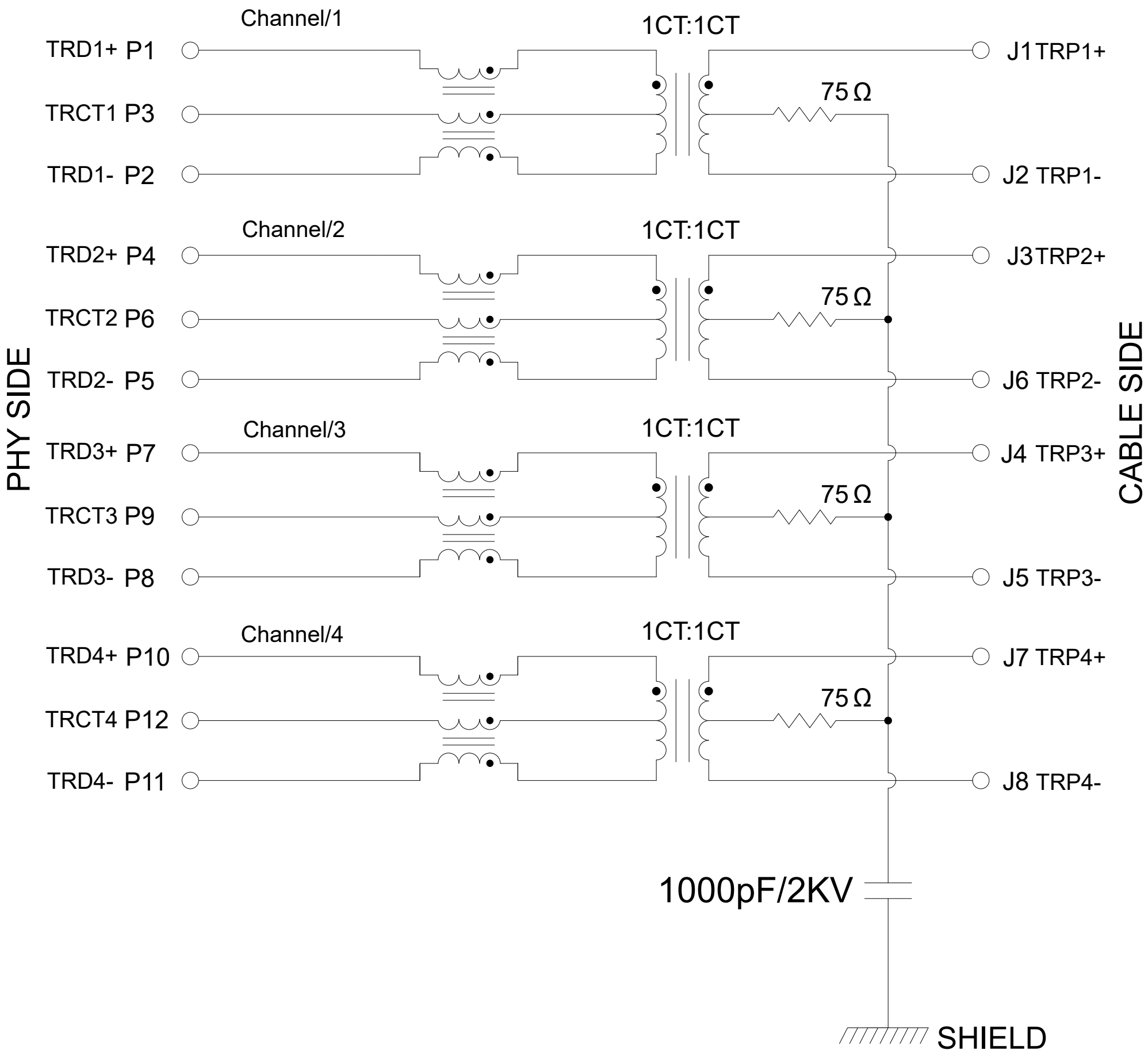
		TE Connectivity	
NAME			
RJ45 W/MAGNET 2X2 5G LIGHT PIPE			
—			
—			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C=2496726	—
		SCALE	SHEET
		1:1	2 of 3
			REV A



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R	29OCT2024
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER	30OCT2024
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG	30OCT2024
	0 PLC ± -	PRODUCT SPEC	
	1 PLC ± 0.35	108-161620	
	2 PLC ± 0.25	APPLICATION SPEC	
	3 PLC ± 0.15	114-161217	
	4 PLC ± -		
MATERIAL	FINISH	WEIGHT	-
-	-	CUSTOMER DRAWING	

REVISIONS					
P	LTR	DESCRIPTION	DATE	OWN	APVD
	-	SEE SHEET 1	-	-	-

Schematic



PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	-40°C To +85°C
URNS RATIO	1:1±2%
OPEN CIRCUIT INDUCTANCE(OCL)	120uH MIN@100KHz/100mV With 8mA DC Bias For(CHANNEL1,2,3,4)
INSERTION LOSS(IL)	-0.5dB MAX@1MHz-50MHz; -1.0dB MAX@50MHz-125MHz; -2.0dB MAX@125MHz-200MHz; -2.5dB MAX@200MHz-250MHz;
RETURN LOSS(RL) (Z out=100 OHM)	-20dB MIN@1MHz-50MHz; -20+15LOG(f/40MHz)dB MIN@50MHz-250MHz;
CROSSTALK (ADJACENT CHANNELS)	-25dB MIN@1MHz-125MHz; -20dB MIN@125MHz-250MHz;
COMMON MODE REJECTION RATIO(CMRR)	-20dB MIN@1MHz-250MHz;
COMMON TO DIFFERENTIAL MODE REJECTION(REF)	-20dB MIN@1MHz-250MHz;
HI-POT	2250 VDC@60 SECONDS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TARUN, R 29OCT2024	 TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK RAMESH, KIVADER 30OCT2024		
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD RAGHAVAN, CG 30OCT2024	NAME	
0 PLC ± - 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC ± 0.15 4 PLC ± - ANGLES ± 2°		PRODUCT SPEC 108-161620	RJ45 W/MAGNET 2X2 5G LIGHT PIPE	
MATERIAL		APPLICATION SPEC 114-161217	SIZE A2	RESTRICTED TO
FINISH		WEIGHT	CAGE CODE 00779	REV A
		CUSTOMER DRAWING	SCALE 1:1	SHEET 3 OF 3