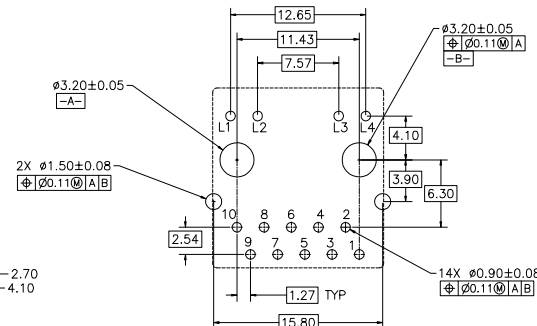


1. Mates With Modular Plug Conforming To Fcc Part 68, Subpart F.



DRAWN 24Apr2024 JARRY YE / FRANK LIU		TITLE Gigabit MagJack ® (WITH LED) PATENTED	DRAWING NO. P01-1CEO		UNLESS OTHERWISE NOTED, TOL:			
CHECKED 24Apr2024 BILL LIU			FILE NAME P01-1CEO_1.DWG	X.	±0.38	SIZE:	A4	
APPROVED 24Apr2024 TONY YUAN				.X	±0.38	UNIT:	mm	
				.XX	±0.25	SCALE:	N/A	
			.XXX	±0.13	PAGE: 1/3	REV.: 1		



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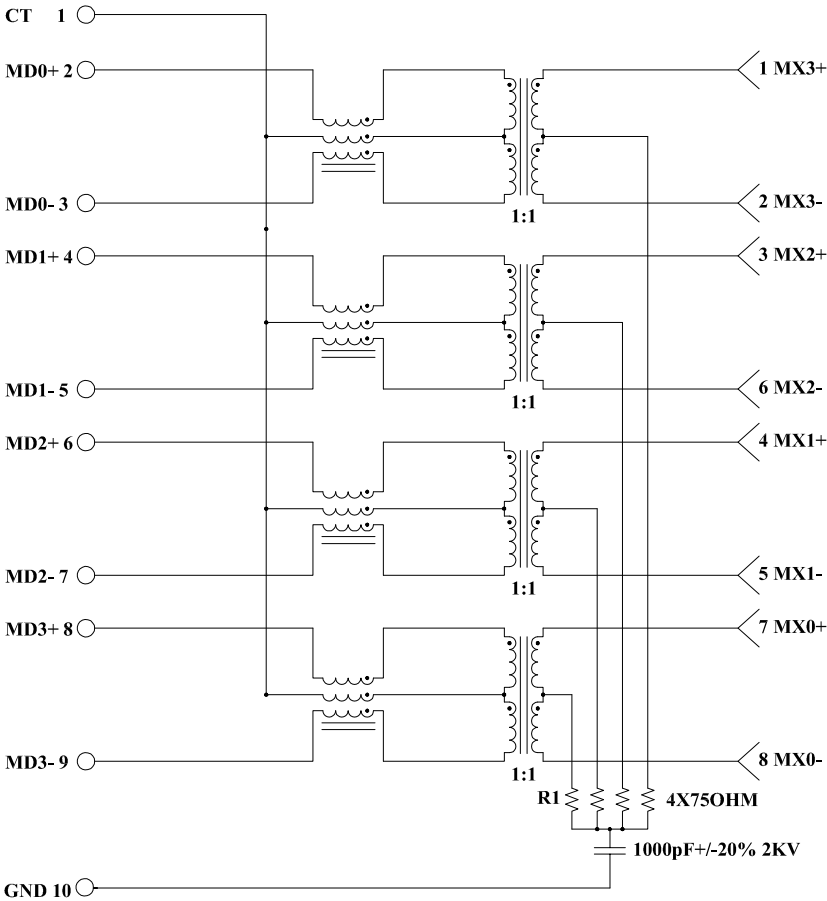
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Electrical Specification @ 25°C



PARAMETER	SPECIFICATIONS	
URNS RATIO	1.00 ± 2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS (DATA CHANNELS)	1-125 MHz	
	1.0 dB MAX	
RETURN LOSS (Z OUT=100 OHM ±1%)	1-40 MHz	40 MHz-200 MHz
	20 dB MIN	20+15LOG(f/40)dB MIN
CROSS TALK	1-40 MHz	40-125 MHz
	35 dB MIN	35+15LOG(f/40)dB MIN
COMMON MODE REJECTION	30-200 MHz	
	30 dB MIN	
INDUCTANCE (OCL)	350 uH MIN @ 100 KHz, 100 mV	
HIPOT-OUTPUT ISOLATION	2250 VDC MIN @ 60 SECONDS	

DRAWN 24Apr2024
JARRY YE / FRANK LIU

CHECKED 24Apr2024
BILL LIU

APPROVED 24Apr2024
TONY YUAN

TITLE

Gigabit MagJack ®
(WITH LED)
PATENTED

DRAWING NO.

P01-1CE0

FILE NAME

P01-1ECO_1.DWG

UNLESS OTHERWISE
NOTED, TOL:

X.	±0.38
.X	±0.38
.XX	±0.25
.XXX	±0.13



SIZE:	A4
UNIT:	mm
SCALE:	N/A
PAGE:	2/3
REV.:	1



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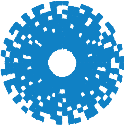
CHANGE HISTORY						
ISSUE	DATE	DESCRIPTIN OF CHANGE	REASON	DRAWN	APPROVAL	ECN#
1	24APR2024	—	INITIAL RELEASE	JARRY YE	TONY YUAN	—

DRAWN	24Apr2024
JARRY YE /	FRANK LIU
CHECKED	24Apr2024
BILL LIU	
APPROVED	24Apr2024
TONY YUAN	

TITLE
Gigabit MagJack [®]
(WITH LED)
PATENTED

DRAWING NO.
P01-1CEO
FILE NAME
P01-1CEO_1.DWG

UNLESS OTHERWISE NOTED, TOL:			
X.	±0.38	SIZE:	A4
.X	±0.38	UNIT:	mm
.XX	±0.25	SCALE:	N/A
.XXX	±0.13	PAGE: 3/3	REV.: 1



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