

4

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-,2018.

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW RELEASE	20DEC2018	GCM	JDB

⚠ Material:

COVER : Black PF2A5-151J, UL-94-V0

HEADER : Black PF2A5-151J, UL-94-V0

SOLDER PIN: CP WIRE

SOLDER PIN PLATING: 4 μm (157 μinch) MIN. 100% TIN,
8 μm (315 μinch) MIN. COPPER OVER ALL

2 THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS

SOLDERING: TEMPERATURE +260 ±5 °C, 10 ±1 s

3 OPERATING TEMPERATURE: T= -40 °C TO +85 °C

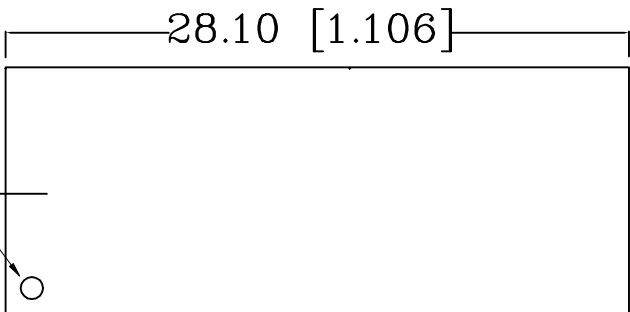
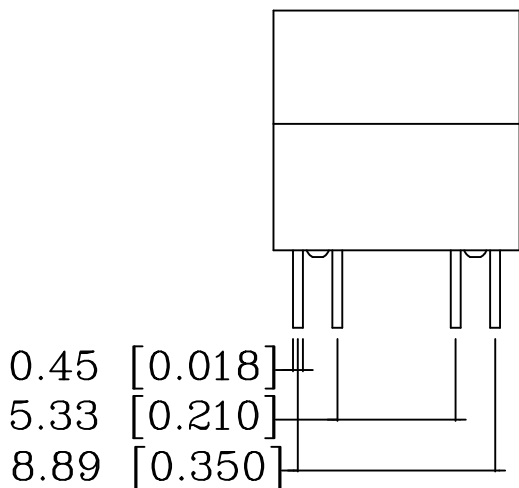
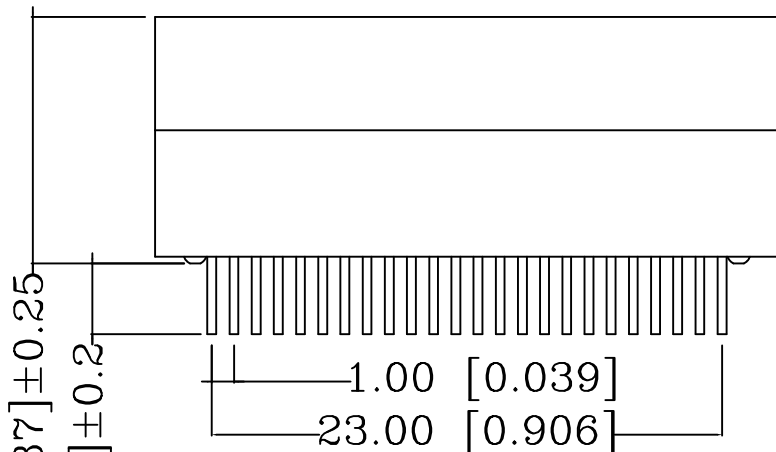
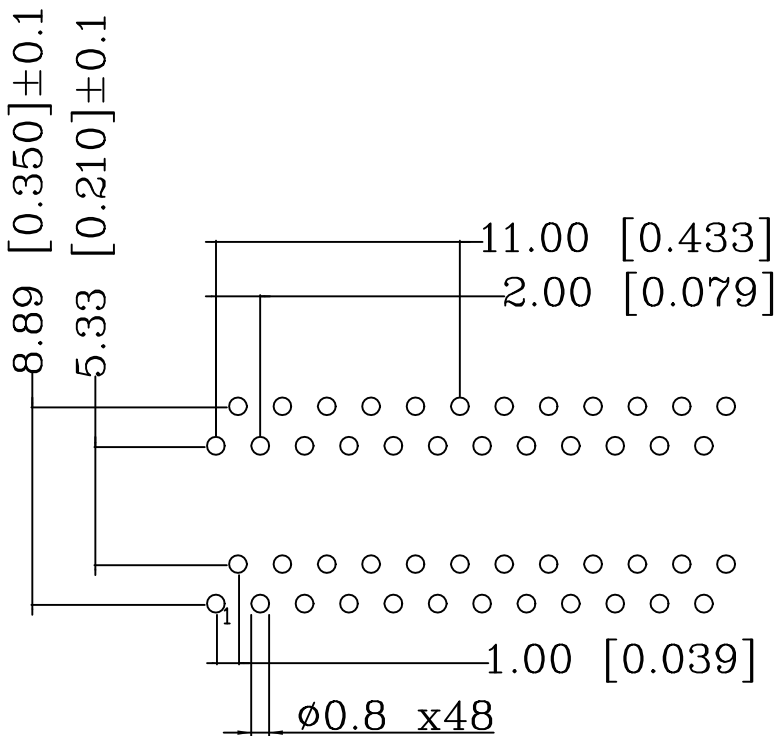
4 STORAGE TEMPERATURE: T= -40 °C TO +85 °C

5 MEET IEEE 802.3u REQUIRMENT

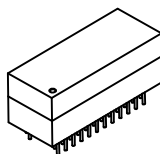
⚠ UNLESS OTHERWISE SPECIFIED, SEE TABLE FOR ALL DIMENSIONS TOLERANCES

7 PACKAGING: TUBE ACCORDING TO PACKAGING SPECIFICATION 107-18128

SUGGESTED PCB LAYOUT



11.10 [0.437]



1:1



TABLE OF TOLERANCE (mm)	
RANGE	TOLERANCE
0-10	±0.15
>10-40	±0.25
>40-70	±0.30
>70	±0.40

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DWN 20DEC2018

CHK GANESH C M

A.C. NGOUMGANG 20DEC2018

APVD J. DE BRUIJN 20DEC2018

PRODUCT SPEC

108-94693

APPLICATION SPEC

114-94555

WEIGHT

CUSTOMER DRAWING



TE Connectivity

NAME DISCR.ETH.MAG. 10/100 QUAD THT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C=5-2337827-1	-

SCALE	SHEET	REV
4:1	1 of 2	A1

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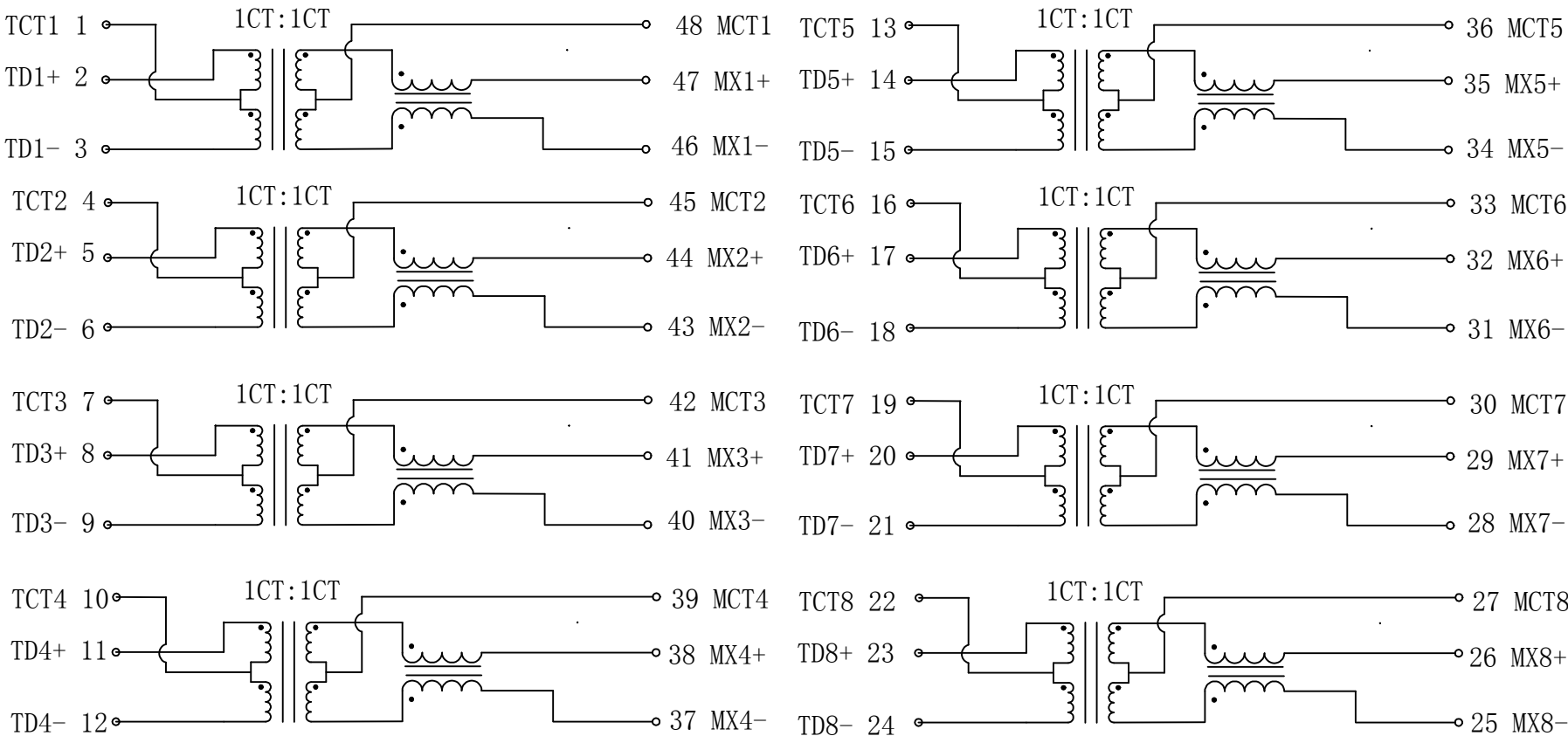
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

CIRCUIT DIAGRAM



Electrical Specifications @ 25 °C
(Unless other specified meet IEEE 802.3 Specification)

Turn Ratio	1CT:1CT ±2%	
Inductance (OCL) @100kHz/0.1V with 8mA DC Bias	350 µH min.	
Insertion Loss	0.1–100MHz	–1 dB max.
Return Loss (Zout = 100 OHMS)	1–30MHz	–18 dB min.
	40MHz	–14.4 dB min.
	50MHz	–13.1 dB min.
	80MHz	–12 dB min.
Crosstalk	30MHz	–40 dB min.
	60MHz	–35 dB min.
	100MHz	–30 dB min.
DCMR	30MHz	–40 dB min.
	60MHz	–35 dB min.
	100MHz	–30 dB min.
Isolation Voltage (Input – Output)	1500 Vrms	



5-2337827-1
WWYY-xxxx

CONTROL CODE

DATE CODE

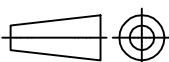
"0213"

YY-YEAR

WW-WEEK

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DIMENSIONS:
mm [INCHES]



MATERIAL



TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -



FINISH



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SCALE

4:1

SHEET

2 of 2

REV

A1