

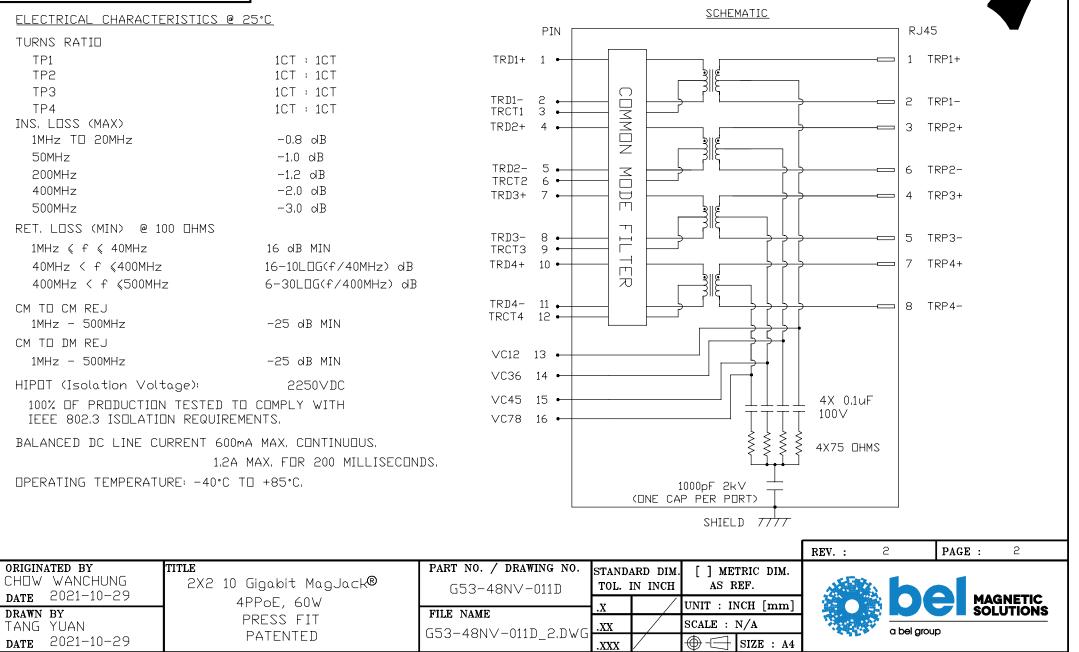
DOCUMENT / PART NO.: G53-48NV-011D

## TITLE: PRODUCT SPECIFICATION

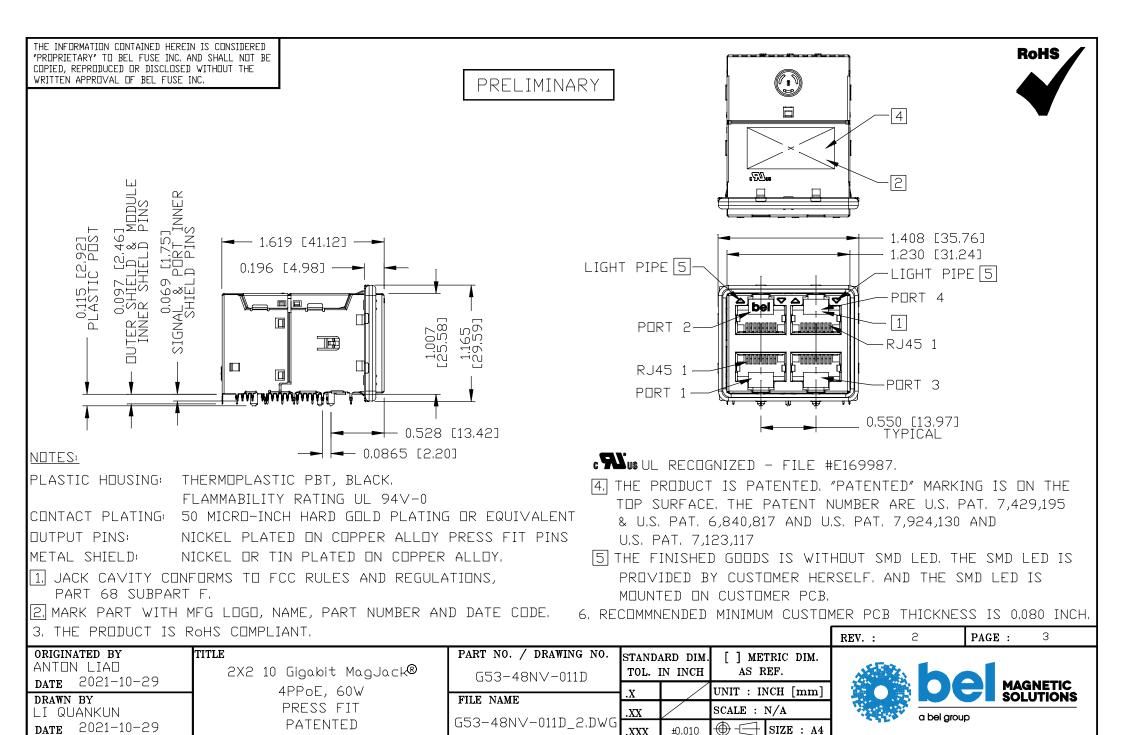
ISSUE		DE	SCRI	PTION	I OF C	HAN	GE			RE	VIEW	ED BY	AF	PRO	VED E	BY	EC	N#
1	PRELIMINARY							LI QUAN KUN LEUNG (2021-1				AI SHUN 15)						
2	UPDATE SOME DIMENSIONS AND CORRECT THE HOUSING MATERIAL								ANT	ON LIA	0			,				
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PAGE	1	2	3	4	5	6	7	8										
REV.	2	2	2	2	2	2	2	2										
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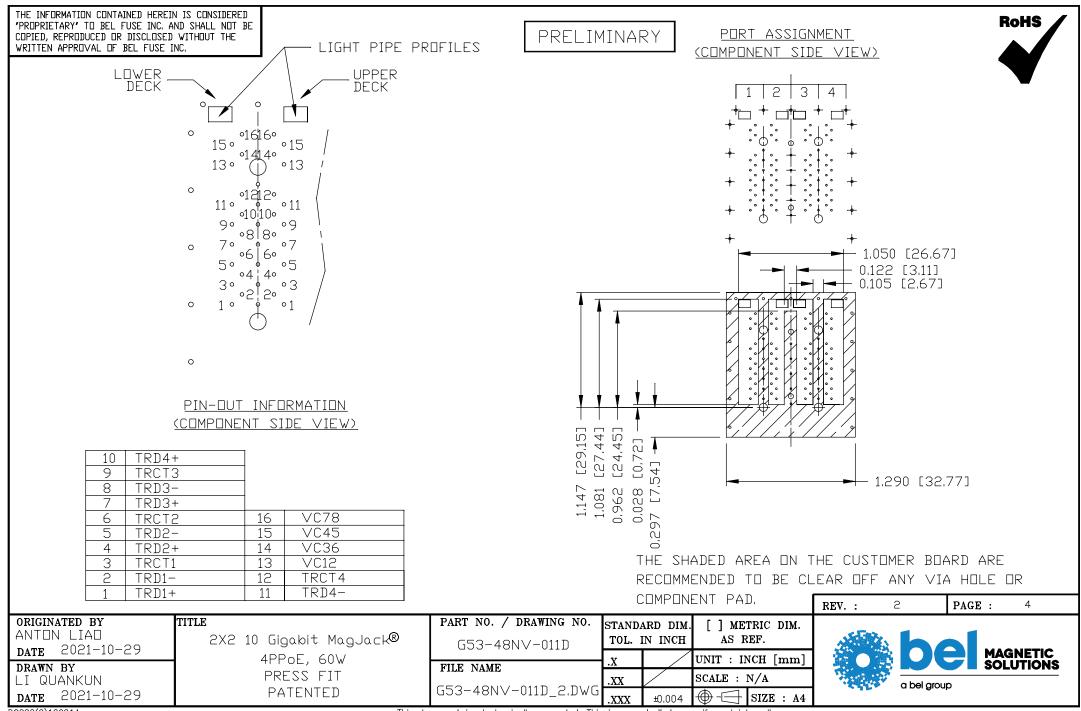
PRELIMINARY



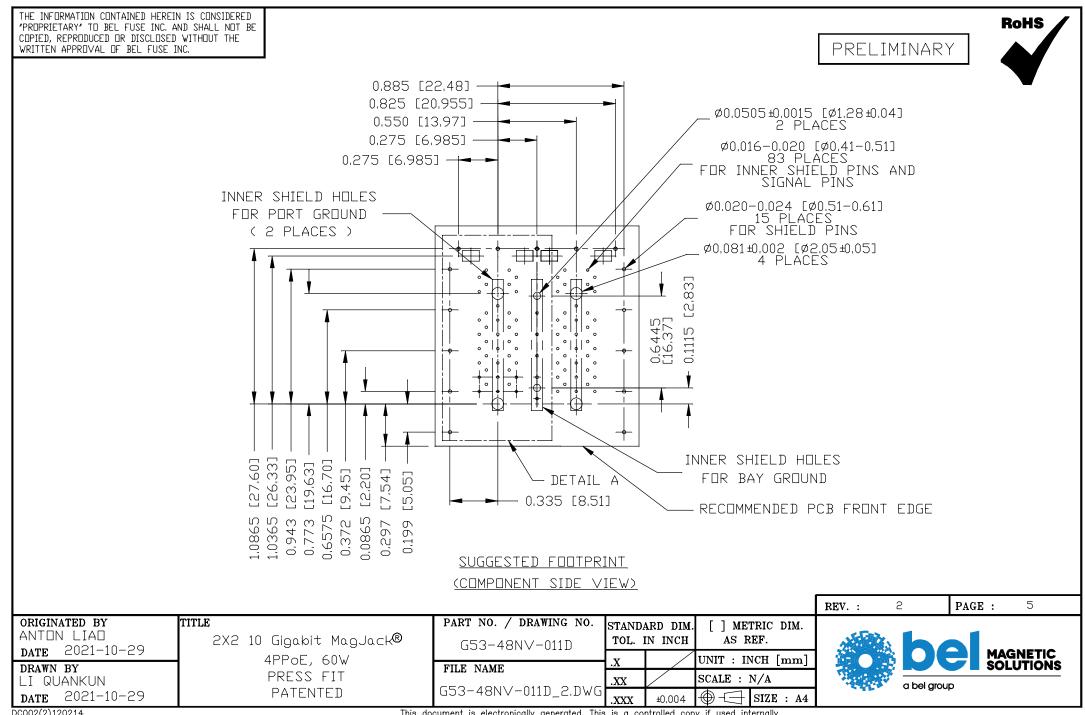
RoHS



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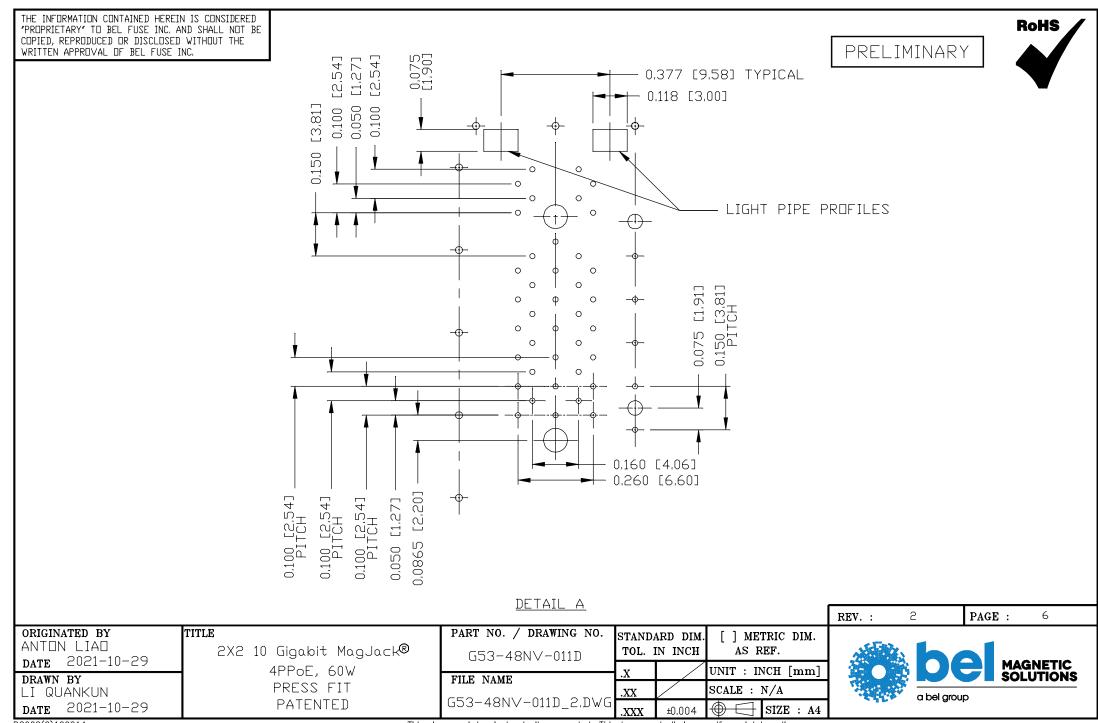


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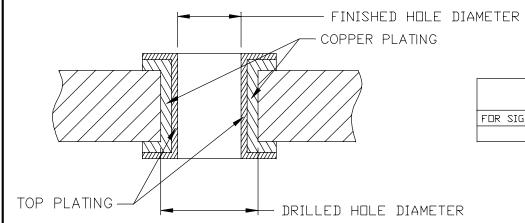
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PLATED-THROUGH-HOLE	DRILLED HOLE DIAMETER	FINISHED HOLE DIAMETER
FOR SIGNAL PINS AND INNER SHIELD PINS	0,022 [0,57]	0.016-0.020 [0.41-0.51]
FOR SHIELD PINS	0.026 [0.66]	0.020-0.024 [0.51-0.61]

PLATED-THROUGH-HOLE CROSS-SECTION

PLATING	THICKNESS IN MICRO-INCHES [MICRONS]
COPPER	1000-2000 [25-50]
TOP PLATING - USE ONE OPTION LISTED BELOW:	
HOT AIR SOLDER LEVELING (HASL) TIN-LEAD (Sn-Pb)	160-400 [4-10]
IMMERSION TIN (Sn)	20-40 [0.5-1.0]
DRGANIC SOLDERABILITY PRESERVITAVE (DSP)	10-20 [0.2-0.5]
IMMERSION GOLD (Au) OVER NICKEL (NI) (ENIG)	5-20 [0,1-0,5] (Au) OVER 50-100 [1,2-2,5] (NI)
TIN-LEAD (Sn-Pb)	400-1000 [10-25]
IMMERSION SILVER (Ag)	5-8 [0.10-0.15]

## RECOMMENDED PLATED-THROUGH-HOLE CONSTRUCTION DETAILS

FOR PRESS-FIT PINS

	<b>REV.:</b> 2	<b>PAGE :</b> 7					
ORIGINATED BY	TITLE	PART NO. / DRAWING NO.	STAND.	ARD DIM.	[] METRIC DIM.		
ANTON LIAO Date 2021-10-29	2X2 10 Gigabit MagJack®	G53-48N∨-011D	TOL.	IN INCH	AS REF.		
DATE 2021-10-29 DRAWN BY	4PPoE, 60W	FILE NAME	.x		UNIT : INCH [mm]		
LI QUANKUN	PRESS FIT		.XX		SCALE : N/A	a bel gro	
DATE 2021-10-29	PATENTED	G53-48N∨-011D_2.DWG	.xxx	±0,005	SIZE : A4		uh

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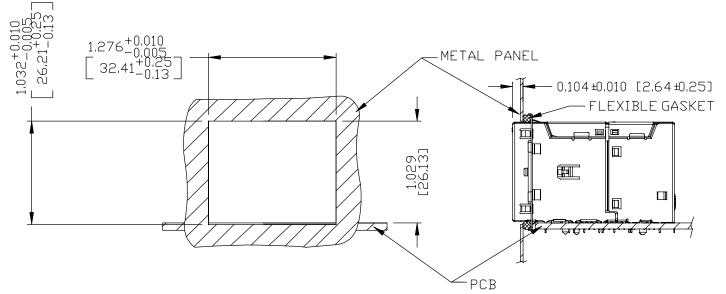
RoHS

PRELIMINARY

SUGGESTED PANEL OPENING



RoHS



NDTE:

1. THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

2. RECOMMENDED COMPRESSION OF THE FLEXIBLE GASKET MATERIAL OF 25%.

3. RECOMMENDED FLEXIBLE GASKET THICKNESS BEFORE COMPRESSION IS 0.103 INCH.

4. THE FLEXIBLE GASKET CAN BE ORDERD SEPARATELY VIA PART NUMBER 0080M1700-06.

PACKING INFORMATION

PACKING TRAY : 0200M9999-L9 (TOP)

0200M9999-Q8 (BOTTOM)

PACKING QUANTITY : 15 PCS FINISHED GOODS PER TRAY,

7 TRAYS (105 PCS FINISHED GOODS) PER CARTON BOX.

REMARK : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX, (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

						REV. :
ANTON LIAD	TITLE 2X2 10 Gigabit MagJack®	<b>PART NO. / DRAWING NO.</b> G53-48NV-011D		ARD DIM. IN INCH	] METRIC DIM. AS REF.	
	4PPoE, 60W	FILE NAME	.X		UNIT : INCH [mm]	
DRAWN BY LI QUANKUN	PRESS FIT		.XX		SCALE : N/A	
DATE 2021-10-29	PATENTED	G53-48NV-011D_2.DWG	.XXX	±0,005	$\oplus$ - SIZE : A4	



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