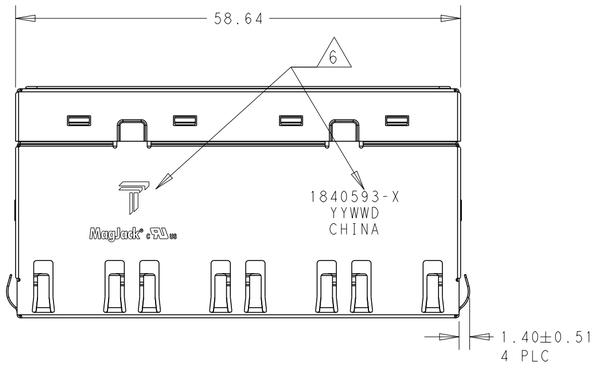
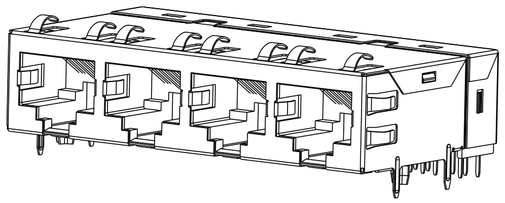
THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPERTY OF BEL/STEWART/TRP CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF TRP CONNECTOR.

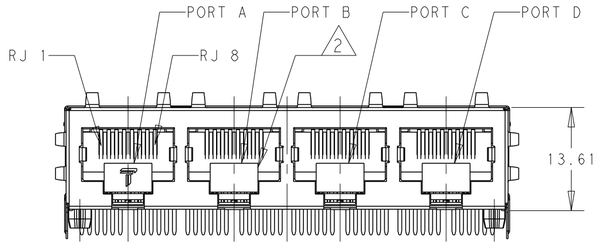
PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:
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7429195 7717749 7808751 8217391 8149050 7924130

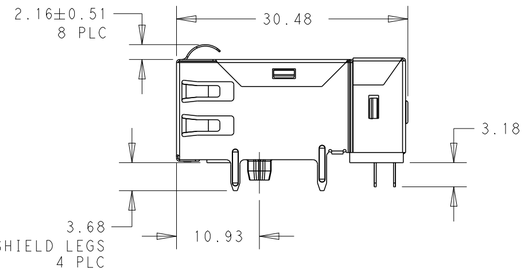
REVISIONS

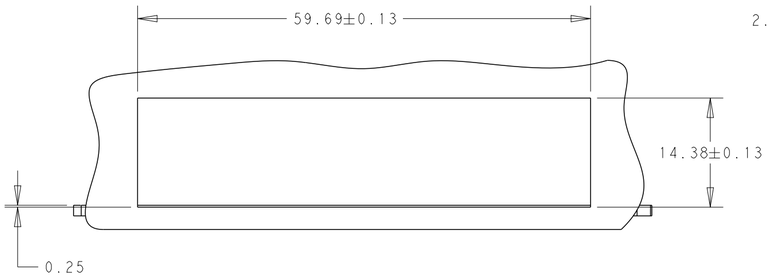
P	LTR	DESCRIPTION	DATE	DWN	APVD
	5	EC-1411035 COMPANY LOGO CHANGE	20JAN2015	RL	TY



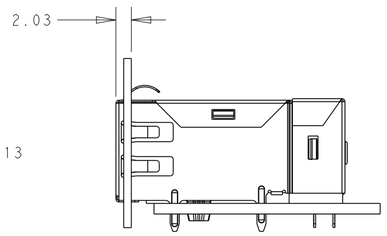








SUGGESTED PANEL CUTOUT



SCALE 7:4
CONNECTOR ASSEMBLED
TO PANEL AND PCB

1. MATERIAL
HOUSING: THERMOPLASTIC BLACK, FLAMMABILITY RATING UL 94V-O
SHIELD: 0.20mm THICK, BRASS
PREPLATED WITH MIN 0.76um SEMI-BRIGHT NICKEL
POST-DIPPED WITH 2.54um MIN SAC SOLDER AT GROUND PINS.
CONTACT TAILS: PHOSPHOR BRONZE, 0.46mmX0.30mm
WITH 1.27um MIN OVERALL NICKEL UNDERPLATE AND
SELECTIVE 1.27um MIN GOLD PLATING AT MATING INTERFACE
SOLDER TAIL: 0.25mm THICK, PHOSPHOR BRONZE, 1.27um MIN OVERALL NICKEL
UNDERPLATE, 3um MIN TIN PLATE.

△2 RJ45 CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB-PART F.

△3 MAGNETICS
-APPLICATION: 10/100/1000 BASE-T
-IMPEDANCE: 100 OHMS
-TURNS RATIO (CHIP:CABLE): 1:1 ALL FOUR PAIRS
-OPEN CIRCUIT INDUCTANCE (OCL): 350uH MIN @100kHz, 0.1VRMS,
8mADC BIAS FROM 0°C TO 70°C, ALL FOUR PAIRS
-ALL FOUR PAIRS BI-DIRECTIONAL
-PERFORMANCE @ 25°C:
INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz
RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 40MHz
12-20LOG(f/80)dB MIN FROM 40.1MHz TO 100MHz
CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
33-20LOG(f/50)dB MIN FROM 40.1MHz TO 100MHz
COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
-ISOLATION VOLTAGE: 2250VDC (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC AND WITH ALL PORTS CONNECTED.

4. OPERATING TEMPERATURE: 0°C TO 70°C

△5 THE MAGNETIC CIRCUITS ARE SYMMETRICAL TO SUPPORT AUTO-MDIX OPERATION.

△6 TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, PLACE OF ORIGIN TO BE MARKED IN APPROXIMATE LOCATION AS SHOWN.
DATE CODE: YYWWD "YY" IS YEAR, "WW" IS WORK WEEK, "D" IS DAY OF WEEK, WITH SUNDAY=1.

7. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS, PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS,PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX,10 SECONDS MAX.

△8 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

1840593-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.25
3 PLC ±0.25
4 PLC ±-
ANGLES ±-

PRODUCT SPEC: 108-104004
APPLICATION SPEC: -

DWN QUENTIN LIU 28APR2010
CHK YI LIU 28APR2010
APVD LIJUN RAO 28APR2010
MODEL NAME: MAGJACK GANG NON-POE

trp CONNECTOR a bel group
DONGGUAN CHINA

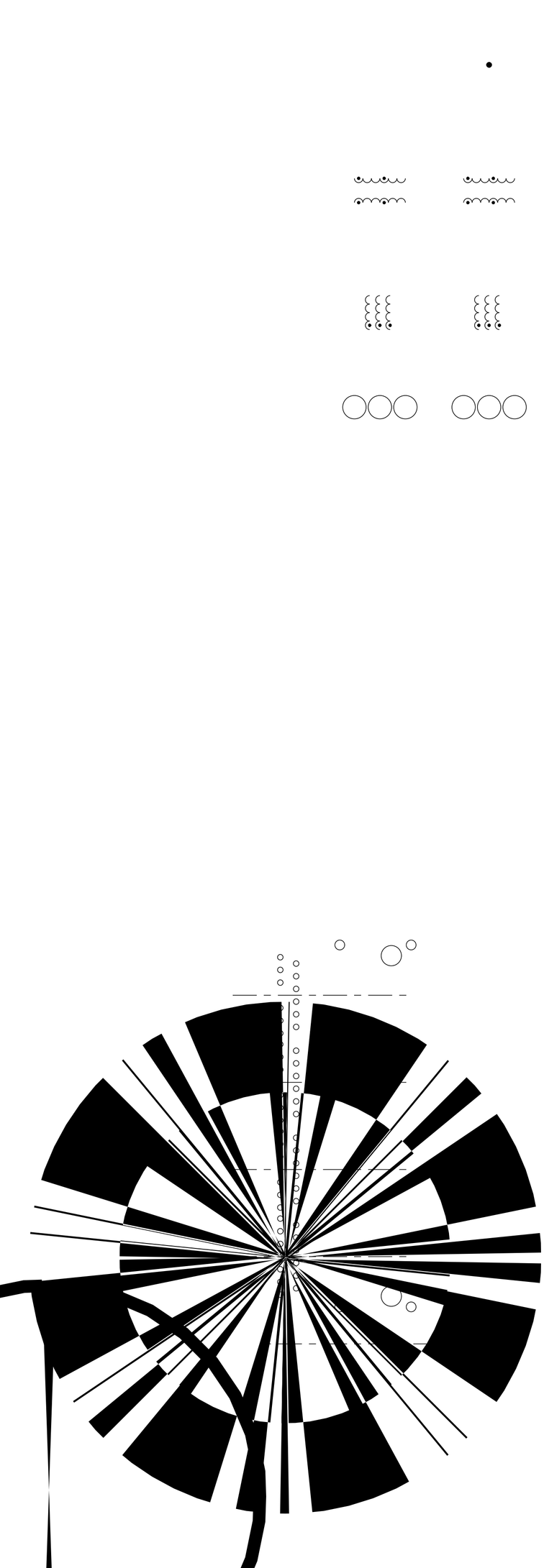
DESC: 1X4 4G41 GIGABIT TAB DOWN LOW PROFILE W/O LED

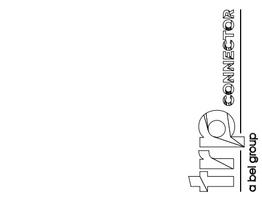
SIZE A2 | CAGE CODE | DRAWING NO C-1840593 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 2 | REV 5

xxxxx

Please read our datasheet & drawing disclaimer here.




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CONNECTOR
a bel group

