

METABEE

Modular and Magnetic Jacks





Metabee (Chengdu) Technology Co., Ltd.

180+
Countries

300+
Workers

20,000 M²
Production Workshop

16M
Group Assets

Metabee (Chengdu) Technology Co., Ltd. established in 2022 located in Sichuan Province with convenient transportation. Our associated factory Jiangmen Dosin specialize in producing RF connectors, M series connectors, and cables.

We are committed to being the world's leading Manufacturer of electronic connectors and industrial cables. We have developed more than 20 product series and more than 5,000 varieties. These products have been widely sold to many countries and regions around the world. They are mainly used for outdoor lighting automation machinery, new energy vehicles, charging equipment, electricity generation facilities, and other industries.

We can also support OEM ODM and customized related products. All products have owned American UL, German TUV, and Europe CE ROHS certifications and have several design patents. Our associated factory has production workshop with an area of 20,000 square meters, more than 300 employees, 30 international advanced production lines, and tens of precision testing equipment. Moreover, we have constructed a specialized laboratory for product research and development. Our reliable product quality, good service, and rapid technical have helped us win many customers in China and overseas markets.

Metabee (Chengdu) Technology Co., Ltd. has become the leading technology and scale Enterprise in the connector field. We have a reliable reputation among our customers because of our professional services, quality products, and competitive prices. We welcome customers from home and abroad to cooperate with us for Common success.



Modular & Magnetic Jacks

1. Overview

Metabee's MTJ Series is a complete line of PCB Modular Jacks, which are UL and CSA approved and meet all required FCC rules and regulations. This product line is composed of Single, Dual, and Quad Port configurations available in a multitude of sizes (4P2C through 10P10C), with options for stacked, integrated magnetics, metal shielding, panel grounds, and LED's. Hybrid combinations with USB are also available.

Metabee's integrated magnetics (transformers) are designed to support 10/100, 100, 1G, 2.5G, 10G, 25G, and 40G Base-T applications such as hubs, routers, ADSL modems, and ATM transmission equipment. The integrated magnetics allows the design engineer to save PC board real-estate and lower the total part count per system. This series meets all applicable specifications for CAT 5, 5e, 6, 6a, and 8, supporting speeds of up to 40GBs in performance. They are built to meet Category 5e, 6, or 6a performance according to TIA/EIA 568-C-2. These jacks support all Gigabyte and Ethernet Protocols.

Versions include PoE (Power over Ethernet), metal shielding for EMI protection with ground peg location options, ground fingers, and LED's for link/activity indication and network speed verification. Metabee's magnetics configurations and schematics are highly customizable and interchangeable due to our in-house winding design and production. Feel free to inquire as to any specific schematic you require, which may not be included in this brochure.

In general, Metabee's Modular Jacks series is highly customizable with high flexibility in tooling new designs or making modifications for a specific style to accommodate applicational requirements.

Features And Benefits:

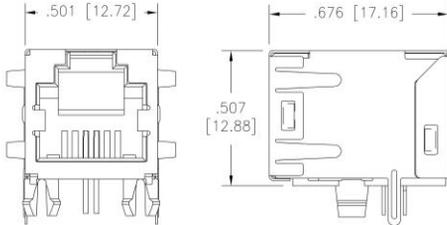
- Sizes ranging from 4P2C to 10P10C
- Single, Ganged, and Stacked jacks
- Integrated magnetics options
- Metal shielding options
- Variety of LED color options
- Panel ground available
- Hybrid MTJ/USB jacks
- Through hole and surface mount
- Speeds up to 40GBs

Applications:

- Telecommunications
- Data networks
- Industrial automation
- Consumer electronics

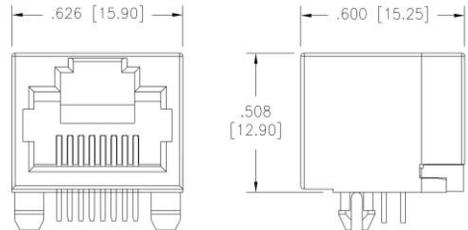
MTJ-62ATX1-FSD-PG4-HT

RJ25, 6P2C, Single Port, Right Angle, Tab Up, Full Shield, Panel Grounds, Through Hole, High Temp



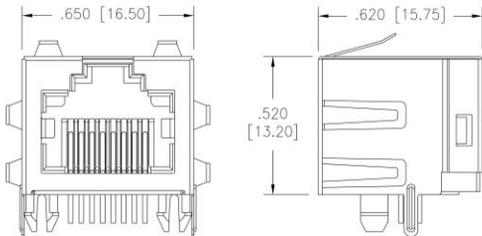
MTJ-88ARX1-106-Y-HT

RJ45, 8P8C, Single Port, Right Angle, Tab Up, Unshielded, Through Hole, High Temp



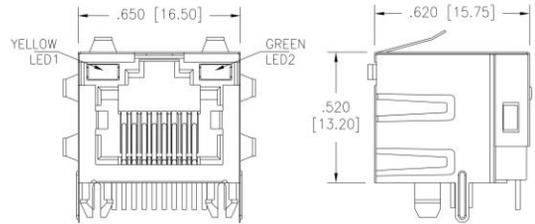
MTJ-88ARX1-FSM-PG-HT-D

RJ45, 8P8C, Single Port, Right Angle, Tab Up, Full Shield, Panel Grounds, Through Hole, High Temp



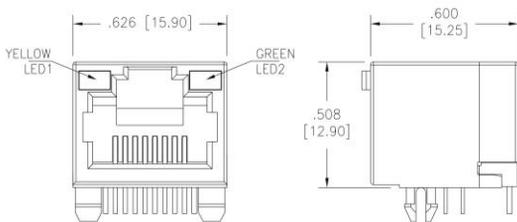
MTJ-88ARX1-FSW-PG-LG-Y

RJ45, 8P8C, Single Port, Right Angle, Tab Up, Full Shield, Panel Grounds, Through Hole, Yellow-Green LED's



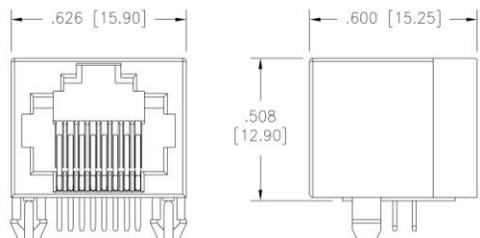
MTJ-88ARX1-LG-Y-HT

RJ45, 8P8C, Single Port, Right Angle, Tab Up, Unshielded, Through Hole, Yellow-Green LED's, High Temp



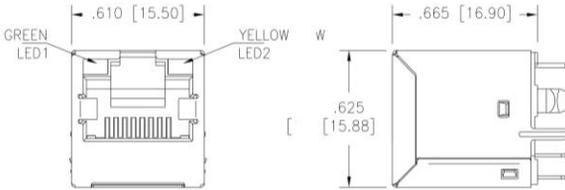
MTJ-88ARX1C-Y-A

RJ45, 8P8C, Single Port, Right Angle, Tab Up, Unshielded, Through Hole



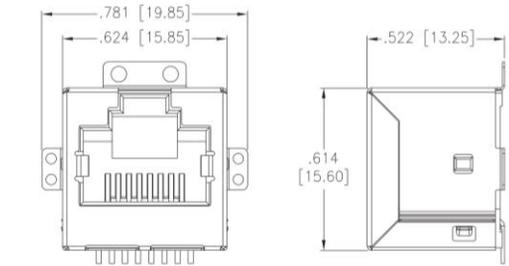
MTJ-88AX1-FSN-LH-HT-Y-B

RJ45, 8P8C, Single Port, Vertical, Full Shield, Through Hole, Green-Yellow LED's, High Temp



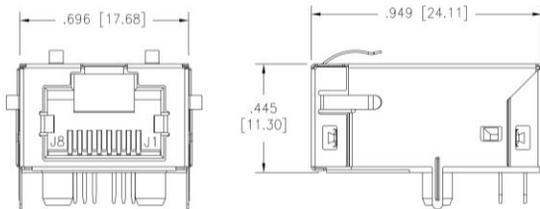
MTJ-88HX1-FS-Y-KT-TR

RJ45, 8P8C, Single Port, Vertical, Full Shield, Surface Mount



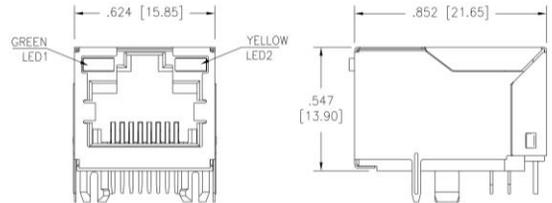
MTJ-88SUX1-FS-PG-HT-WOT-Y

RJ45, 8P8C, Single Port, Right Angle, Tab Up, Full Shield, Panel Grounds, Through Hole, Wide Operating Temperature



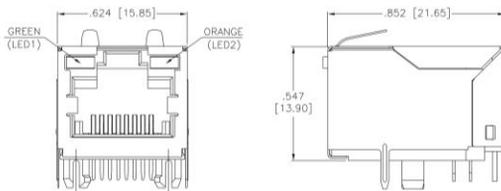
MTJ-88TUX1-FS2-LH-C5E-HT

RJ45, 8P8C, CAT 5e, Single Port, Right Angle, Tab Up, Full Shield, Through Hole, Green-Yellow LED's, High Temp



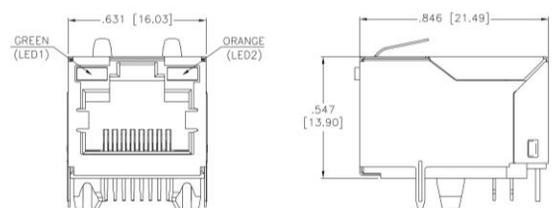
MTJ-88TUX1-FS2-PG2T-L5-C5E-HT

RJ45, 8P8C, CAT 5e, Single Port, Right Angle, Tab Up, Full Shield, Top Panel Grounds, Through Hole, Green-Orange LED's, High Temp



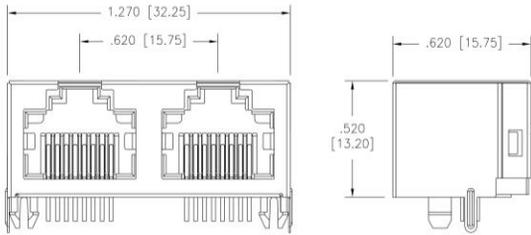
MTJ-88TUX1-FS2-PG2T-L19-C6A-HT

RJ45, 8P8C, CAT 6A, Single Port, Right Angle, Tab Up, Full Shield, Top Panel Grounds, Through Hole, Green-Orange LED's, High Temp



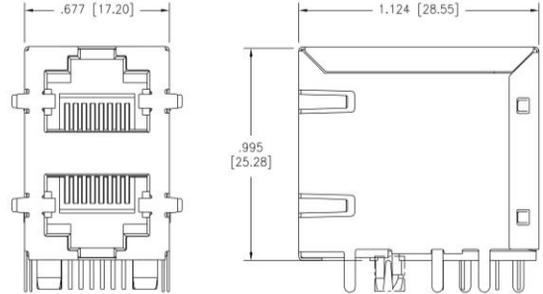
MTJG-2-88ARX1-FSW-EMI-Y-HT-HF

RJ45, 8P8C, 2 Port Ganged, Right Angle, Tab Up, Full Shield, Through Hole, High Temp



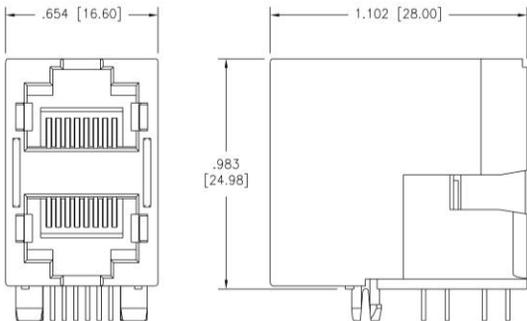
MTJG-2-88JX1-FSG-PG-Y

RJ45, 8P8C, 2 Port Stacked, Right Angle, Tab Up & Down, Full Shield, Side Panel Grounds, Through Hole



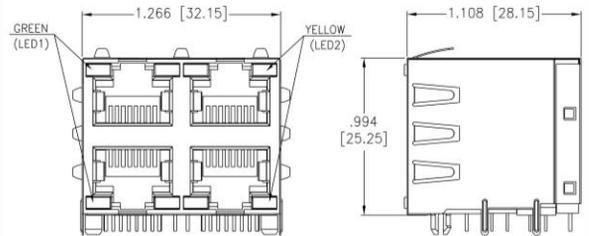
MTJG-2-88JX1-Y

RJ45, 8P8C, 2 Port Stacked, Right Angle, Tab Up & Down, Unshielded, Through Hole



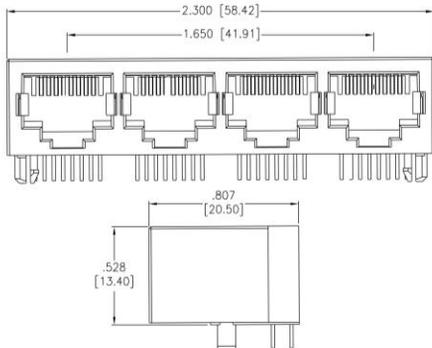
MTJG-4-88JX1-FSH-PG-LH-Y-HT

RJ45, 8P8C, 4 Port Ganged & Stacked, Right Angle, Tab Up & Down, Full Shield, Panel Grounds, Through Hole, Green-Yellow LED's, High Temp



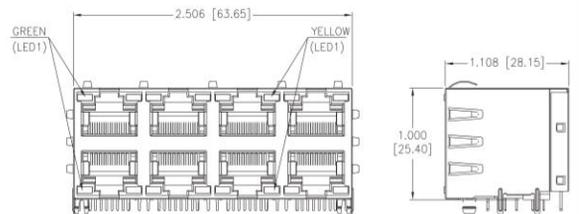
MTJG-4-88TX1-A-HT

RJ45, 8P8C, 4 Port Ganged, Right Angle, Tab Down, Unshielded, Through Hole, High Temp



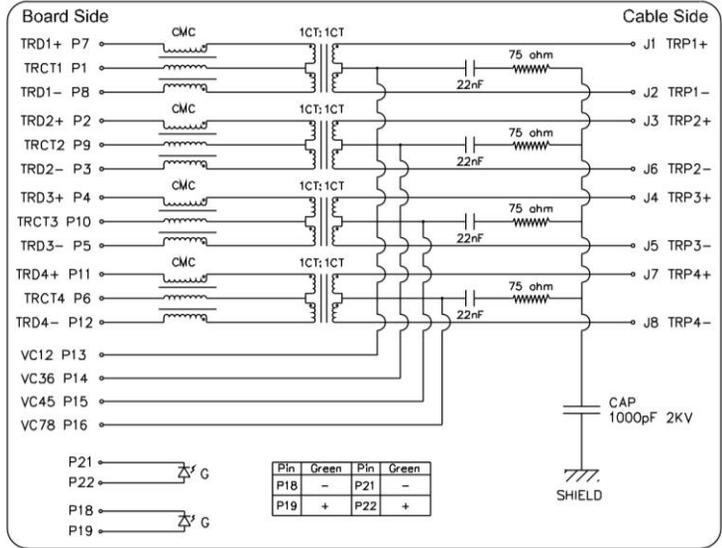
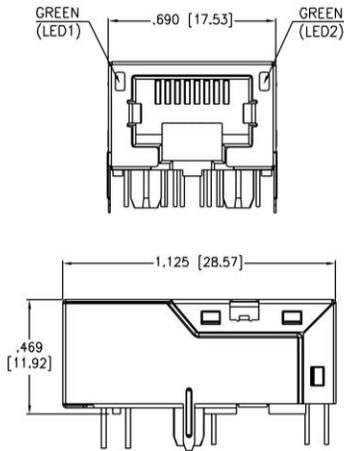
MTJG-8-88JX1-FSH-PG-LH-Y

RJ45, 8P8C, 8 Port Ganged, Right Angle, Tab Up & Down, Full Shield, Panel Grounds, Through Hole, Green-Yellow LED's



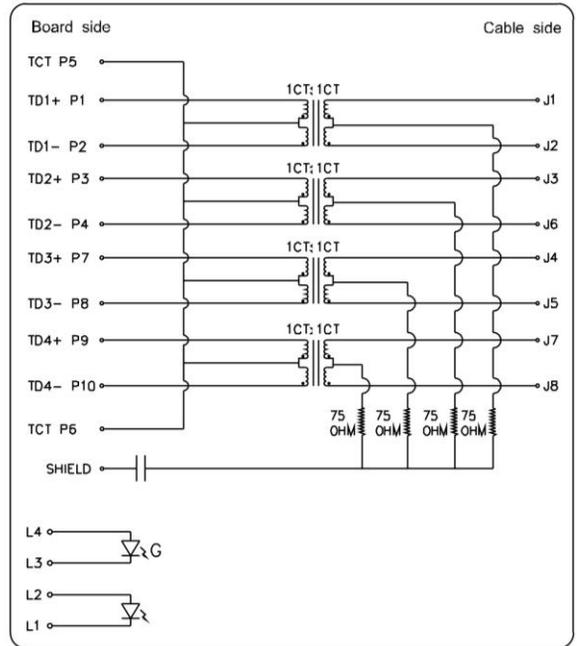
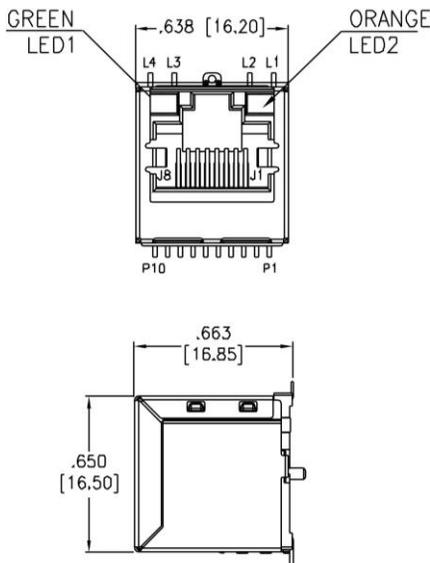
MTJ-88AGX1-FS-VLD-M501C-WOT

RJ45, 8P8C, 25G Base-T, Single Port, Right Angle, Tab Down, Full Shield, Through Hole, Integral Magnetics, Green-Green LED's, Wide Operating Temperature



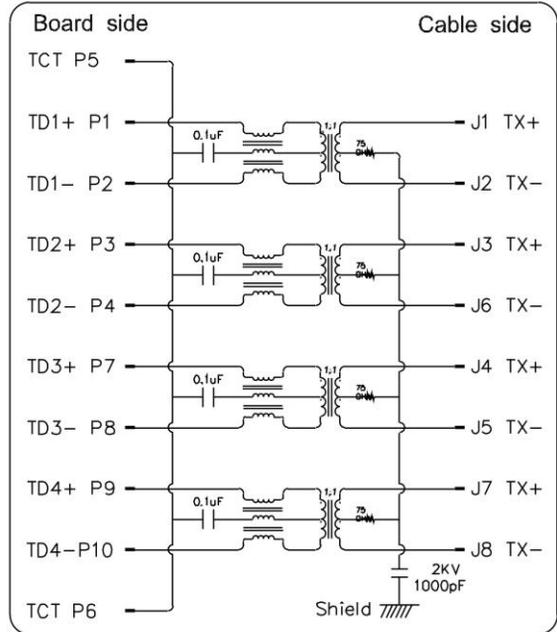
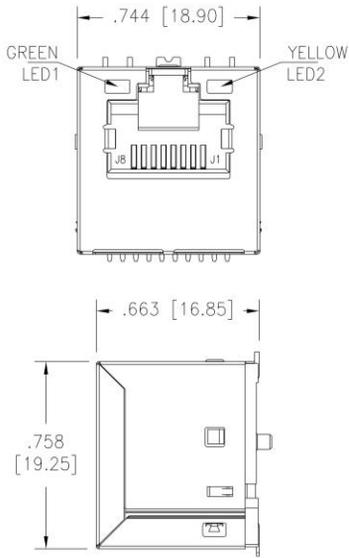
MTJ-88AX1-FS-TSMT-P-L5-M398CH-WOT-KT

RJ45, 8P8C, 2.5G Base-T, Single Port, Vertical, Full Shield, True Surface Mount, Integral Magnetics, Green-Orange LED's, Wide Operating Temperature



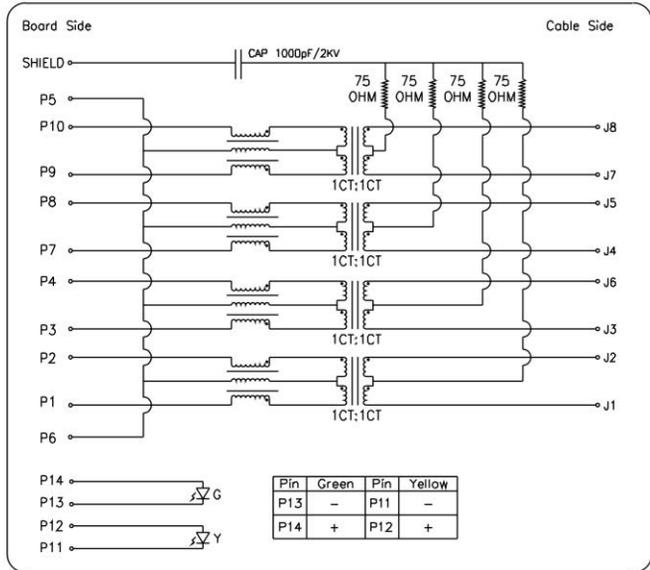
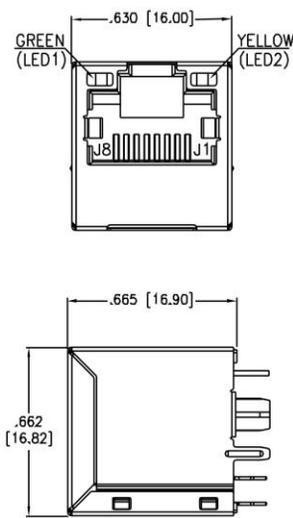
MTJ-88AX1-FS-TSMT-P-LH-M463Y-HT-WOT-KT

RJ45, 8P8C, 1G Base-T, Single Port, Vertical, Full Shield, True Surface Mount, Integral Magnetics, Green-Yellow LED's, High Temp, Wide Operating Temperature



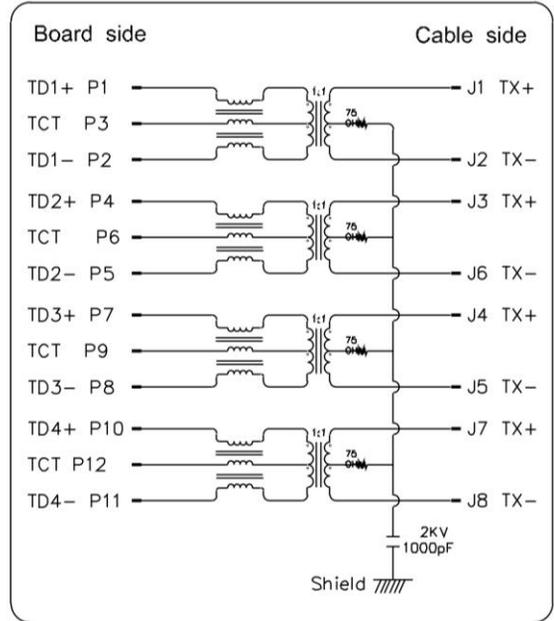
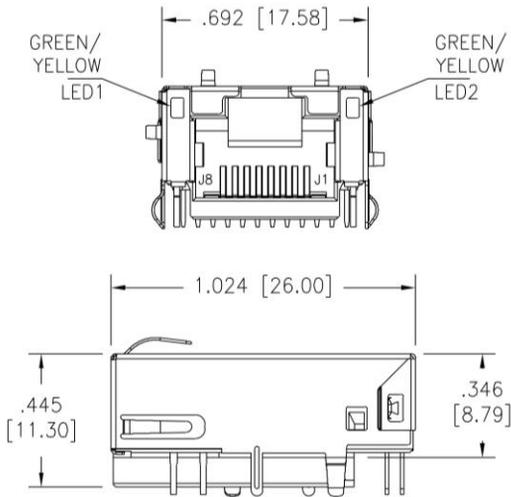
MTJ-88AX1-FSN-STP-LH-M236BC-WOT

RJ45, 8P8C, 25G Base-T, Single Port, Vertical, Full Shield, Star Peg, Through Hole, Integral Magnetics, Green-Yellow LED's, Wide Operating Temperature



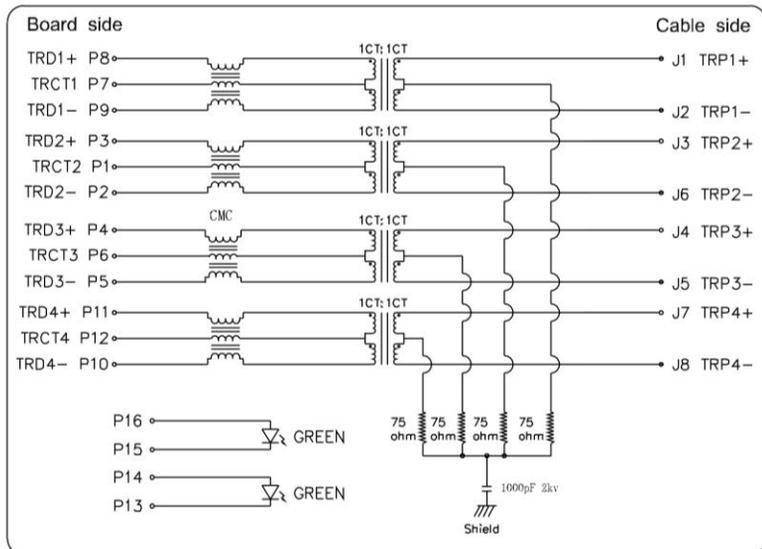
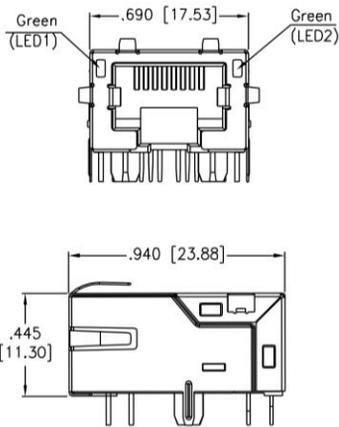
MTJ-88BAX1-FS-PG-VL16-M329Y

RJ45, 8P8C, 1G Base-T, Single Port, Right Angle, Mid-Mount, Tab Up, Full Shield, Panel Grounds, Through Hole, Integral Magnetics, Green/Yellow-Green/Yellow LED's



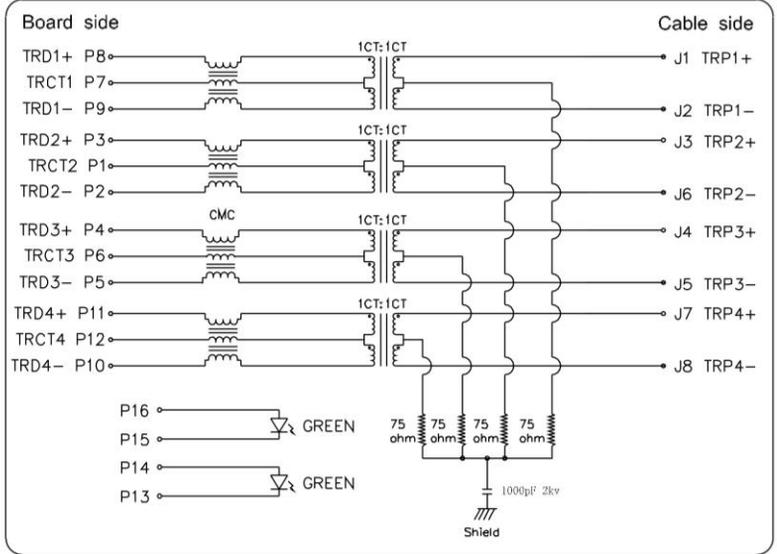
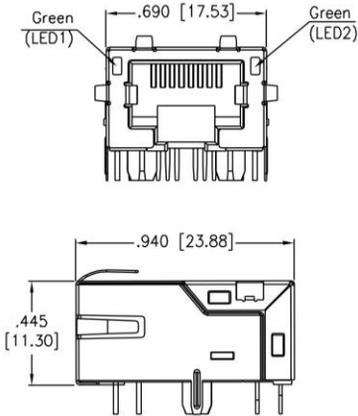
MTJ-88NX1-FS-PG-VLD-M245AC-HT-WOT

RJ45, 8P8C, 25G Base-T, Single Port, Right Angle, Tab Down, Full Shield, Panel Grounds, Through Hole, Integral Magnetics, Green-Green LED's, High Temp, Wide Operating Temperature



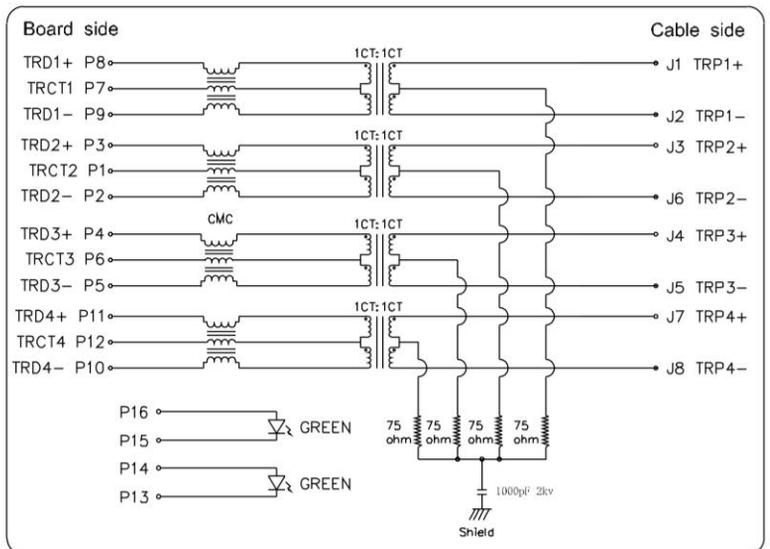
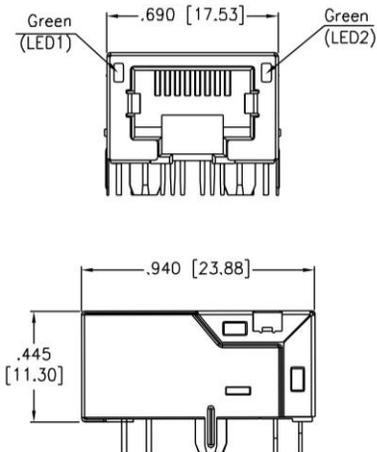
MTJ-88NX1-FS-PG-VLD-M245BC-HT-WOT

RJ45, 8P8C, 40G Base-T, Single Port, Right Angle, Tab Down,
 Full Shield, Panel Grounds, Through Hole, Integral Magnetics,
 Green-Green LED's, High Temp, Wide Operating Temperature



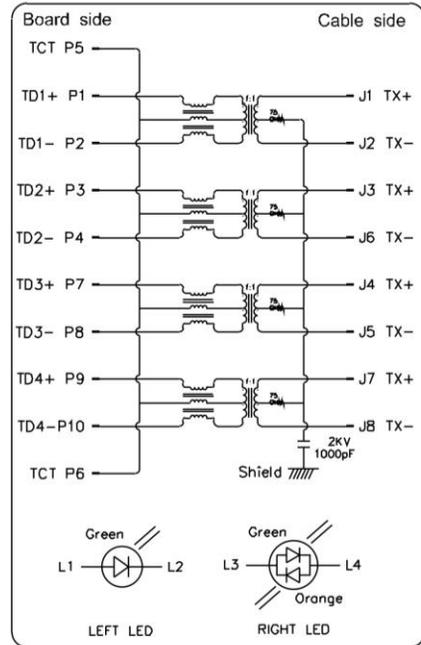
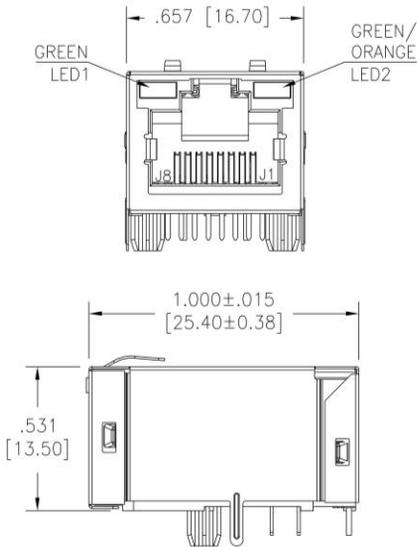
MTJ-88NX1-FS-VLD-M245AC-HT-WOT

RJ45, 8P8C, 25G Base-T, Single Port, Right Angle, Tab Down,
 Full Shield, Through Hole, Integral Magnetics, Green-Green
 LED's, High Temp, Wide Operating Temperature



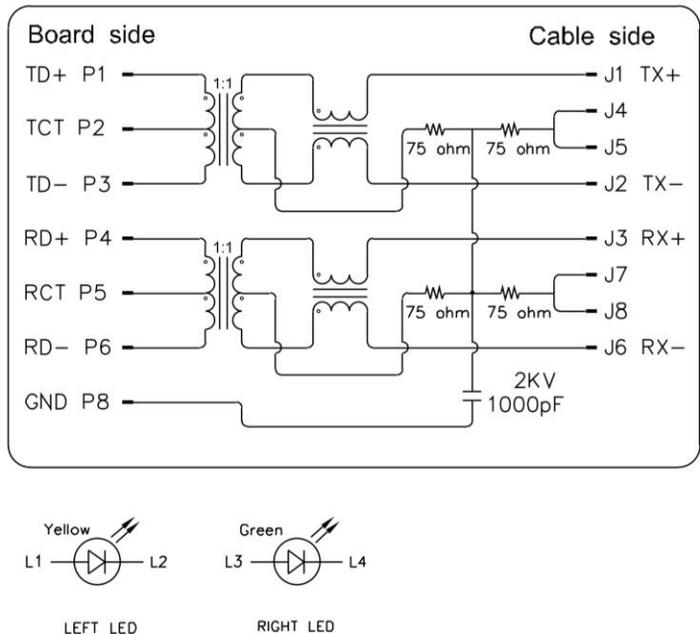
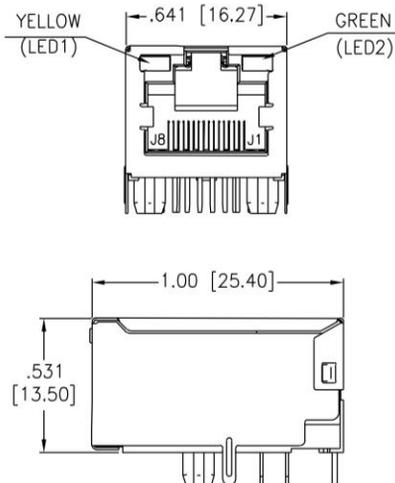
MTJ-88S11-PG-FSD-L36-M236Y-HT-WOT

RJ45, 8P8C, 1000 Base-T, Single Port, Right Angle, Tab Up, Full Shield, Panel Grounds, Through Hole, Integral Magnetics, Green-Green/Orange LED's, High Temp, Wide Operating Temperature



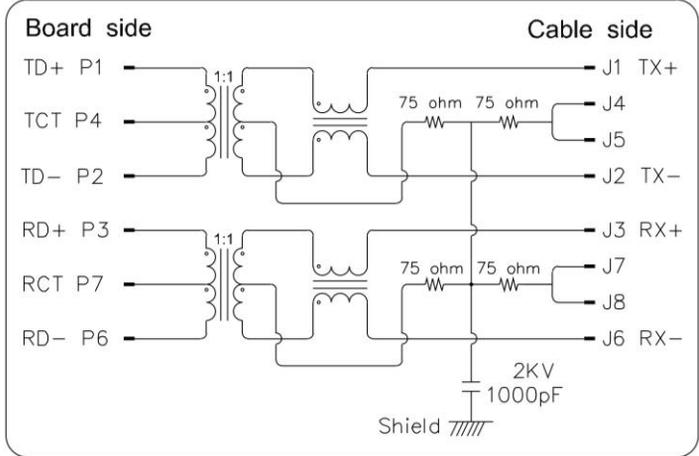
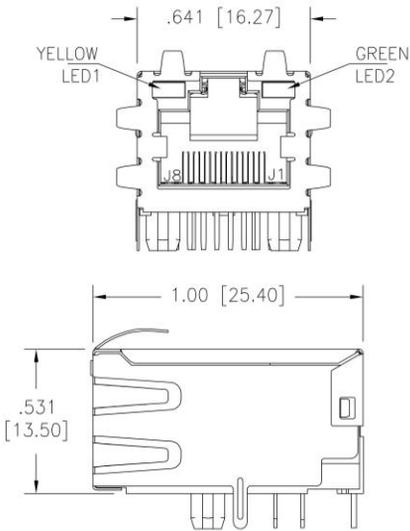
MTJ-88SX1-FSD-LG-M5Y-HT-WOT

RJ45, 8P8C, 10/100 Base-T, Single Port, Right Angle, Tab Up, Full Shield, Through Hole, Integral Magnetics, Yellow-Green LED's, High Temp, Wide Operating Temperature



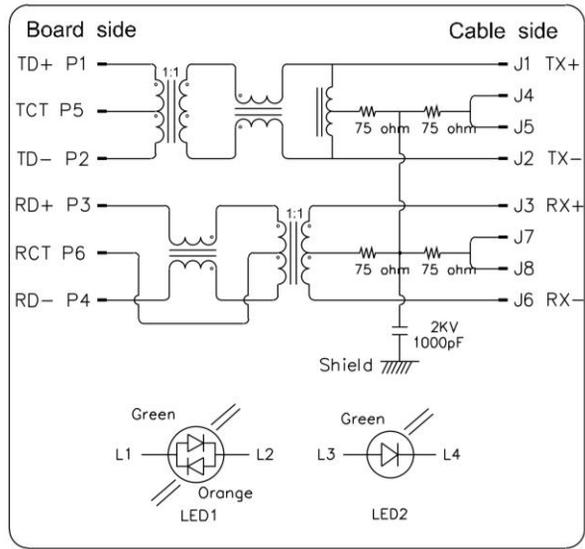
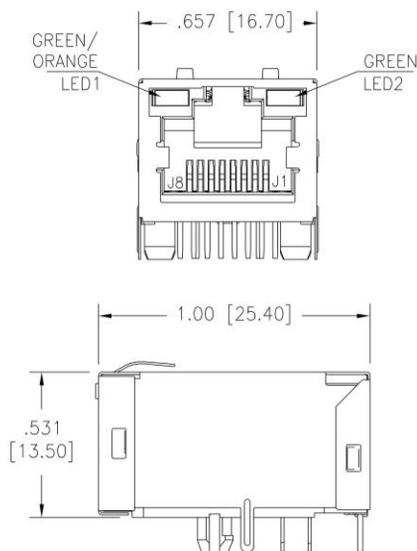
MTJ-88SX1-FSD-PG-LG-M14Y

RJ45, 8P8C, 10/100 Base-T, Single Port, Right Angle, Tab Up, Full Shield, Through Hole, Integral Magnetics, Yellow-Green LED's



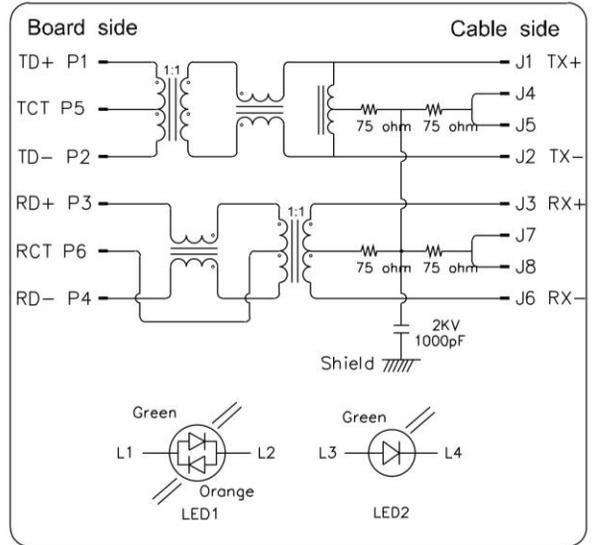
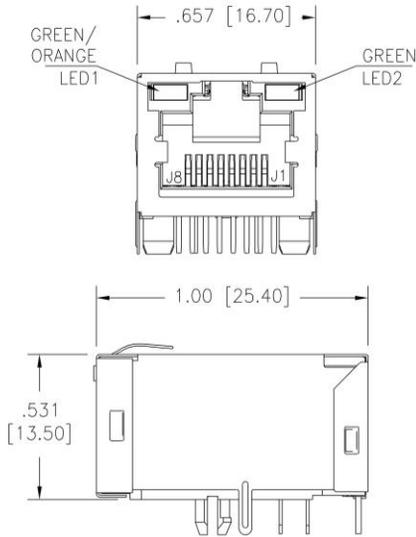
MTJ-88SX1-FSD-PG2-L37-M346Y

RJ45, 8P8C, 10/100 Base-T, Single Port, Right Angle, Tab Up, Full Shield, Top Panel Grounds, Through Hole, Integral Magnetics, Green/Orange-Green LED's



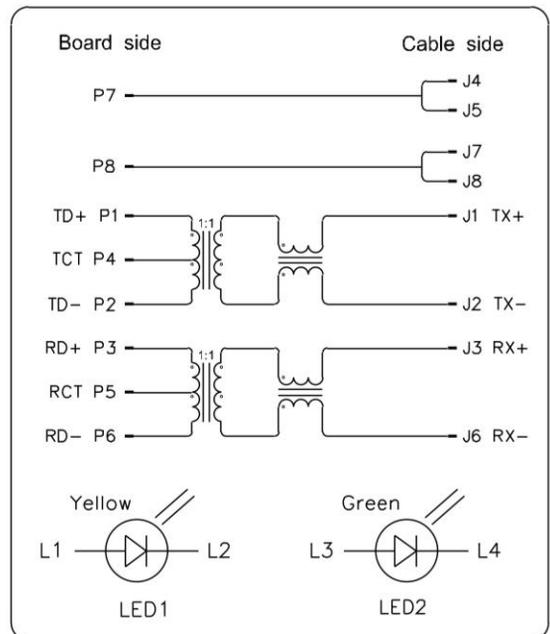
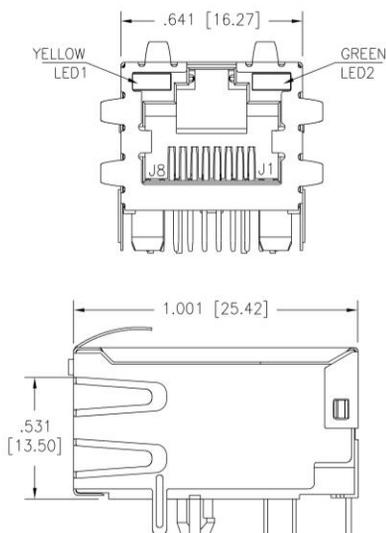
MTJ-88SX1-FSD-PG2-L37-M346YA

RJ45, 8P8C, 10/100 Base-T, Single Port, Right Angle, Tab Up, Full Shield, Top Panel Grounds, Through Hole, Integral Magnetics, Green/Orange-Green LED's, Surge Protection



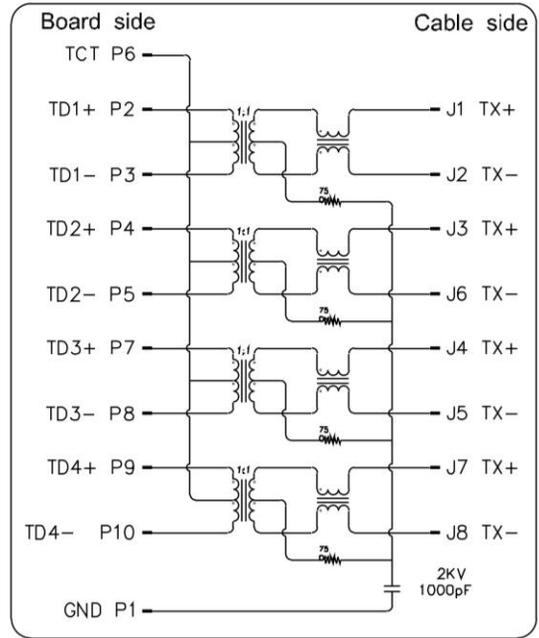
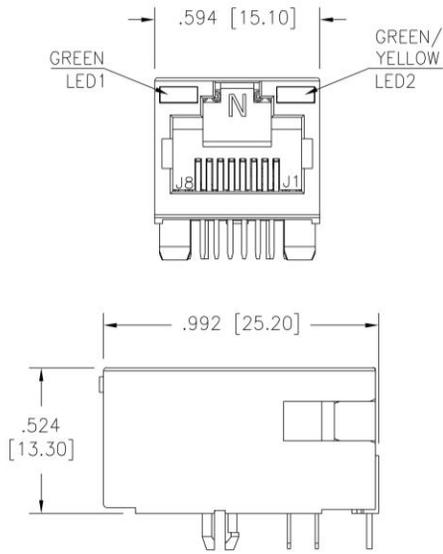
MTJ-88SX1-FSP-PG-LG-M3Y

RJ45, 8P8C, 10/100 Base-T, Single Port, Right Angle, Tab Up, Full Shield, Panel Grounds, Through Hole, Integral Magnetics, Yellow-Green LED's



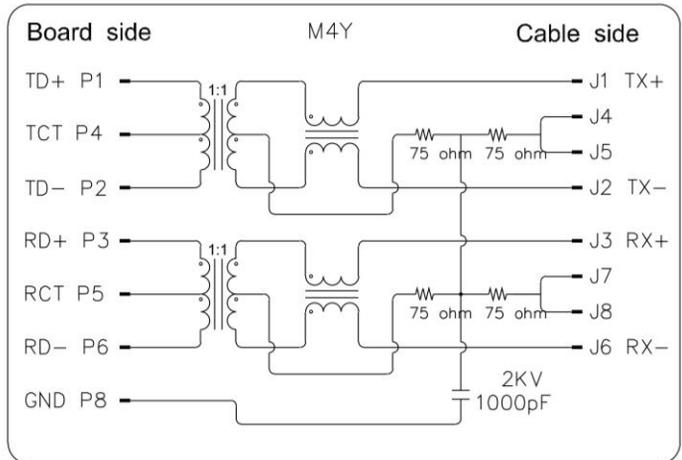
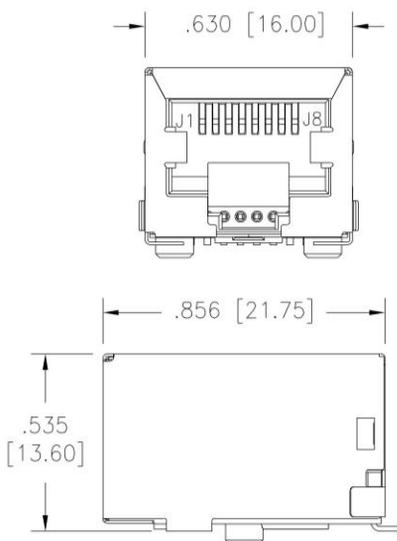
MTJ-88SX1-L35-M397Y-HT

RJ45, 8P8C, 1G Base-T, Single Port, Right Angle, Tab Up, Unshielded, Through Hole, Integral Magnetics, Green-Green/Yellow LED's, High Temp



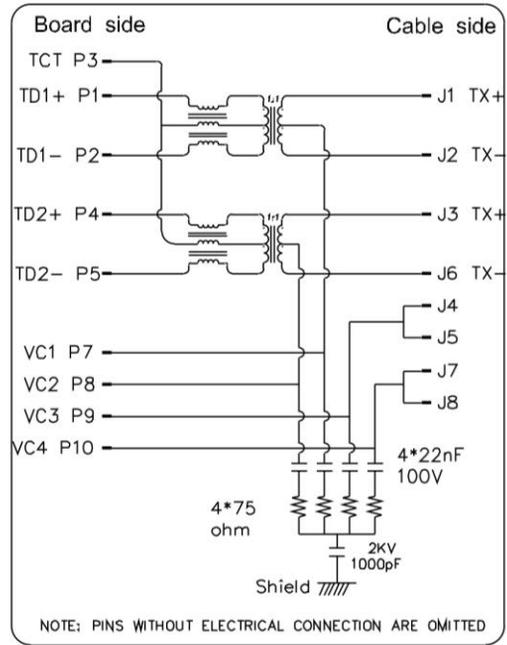
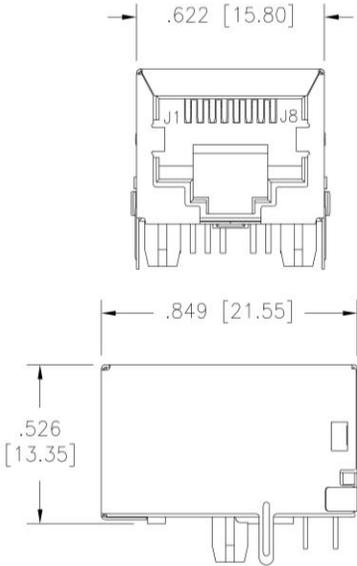
MTJ-88TX1-FS-M4Y-SMT

RJ45, 8P8C, 10/100 Base-T, Single Port, Right Angle, Tab Down, Full Shield, Surface Mount, Integral Magnetics



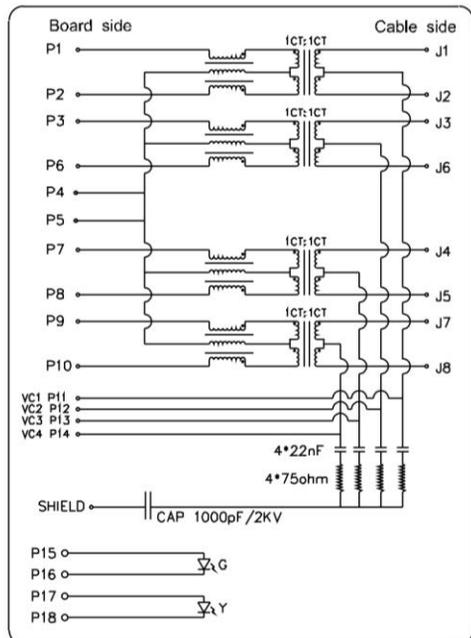
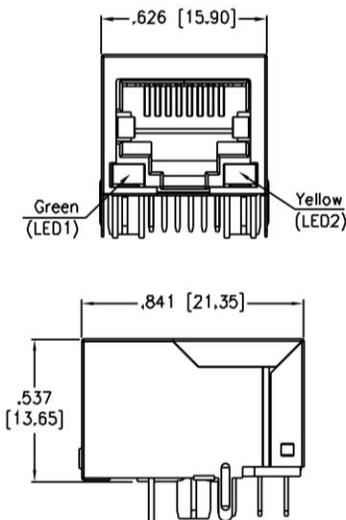
MTJ-88TX1-FSD-083-M171Y-A-X6

RJ45, 8P8C, 100 Base-T PoE, Single Port, Right Angle, Tab Down, Full Shield, Through Hole, Integral Magnetics



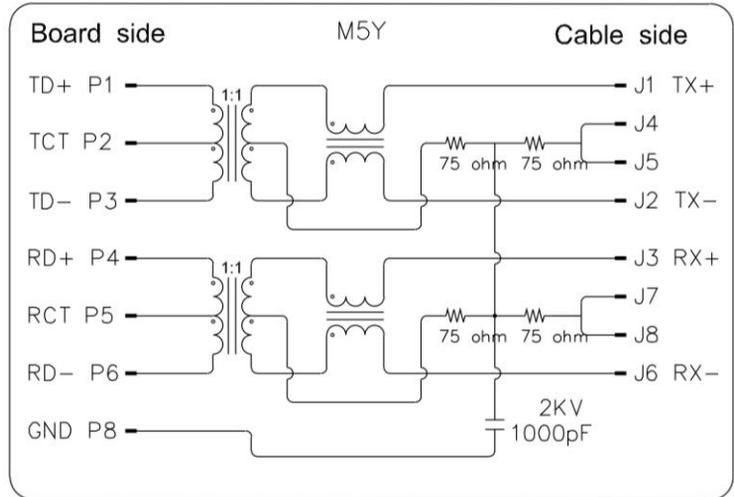
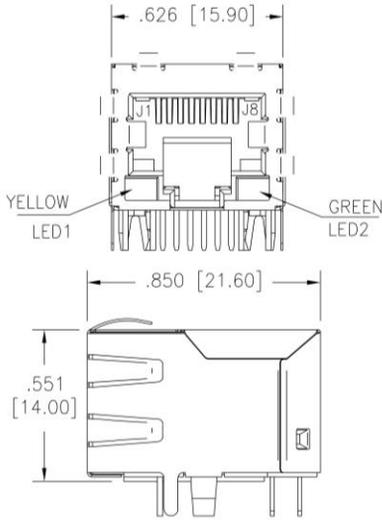
MTJ-88TX1-FSD-LH-M365BC-WOT

RJ45, 8P8C, 25G Base-T, Single Port, Right Angle, Tab Down, Full Shield, Through Hole, Integral Magnetics, Green-Yellow LED's, Wide Operating Temperature



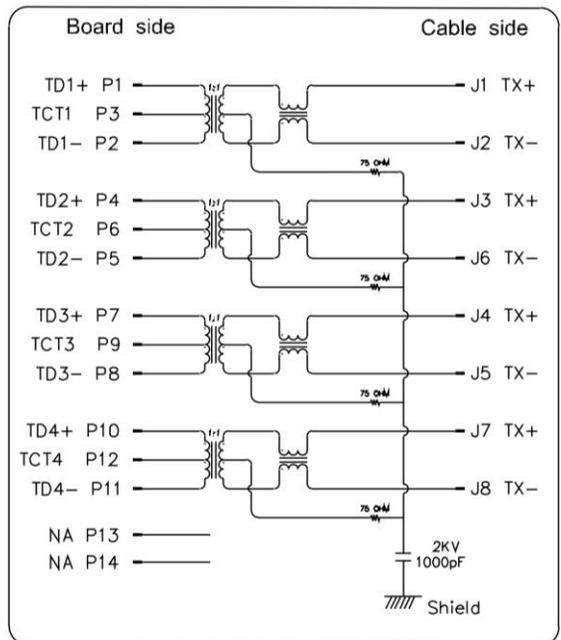
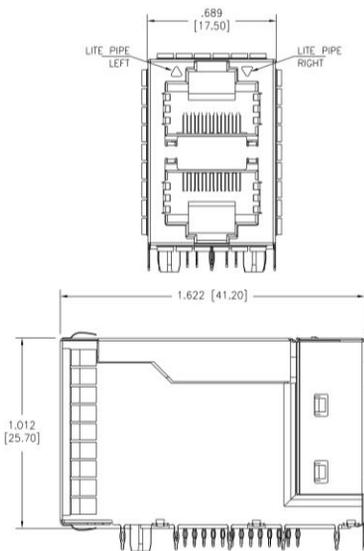
MTJ-88TX1-FSE-PG-LG-M5Y

RJ45, 8P8C, 10/100 Base-T, Single Port, Right Angle, Tab Down, Full Shield, Tab Up & Down, Panel Grounds, Through Hole, Integral Magnetics, Yellow- Green LED's



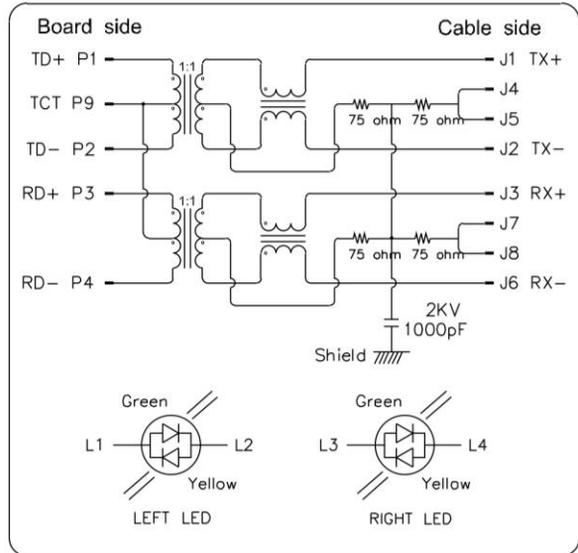
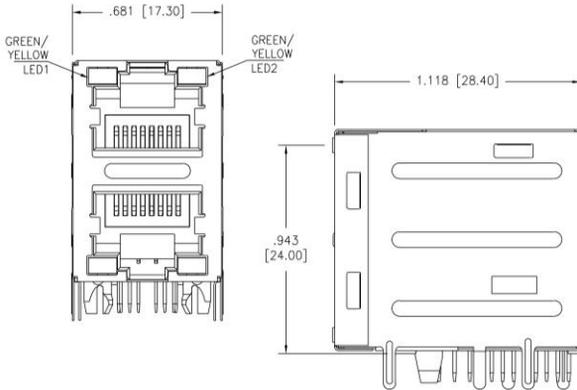
MTJG-2-88JX1-FS-PG-LTP-M464Y-WOT

RJ45, 8P8C, 10G Base -T, 2 Port Stacked, Right Angle, Tab Up & Down, Full Shield, Through Hole, Integral Magnetics, Light Pipes, Wide Operating Temperature



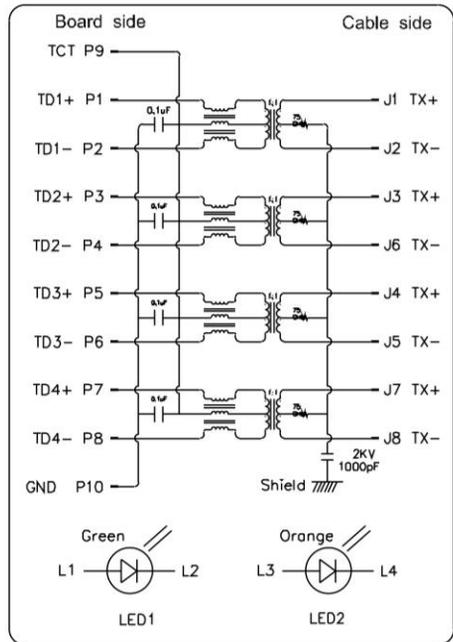
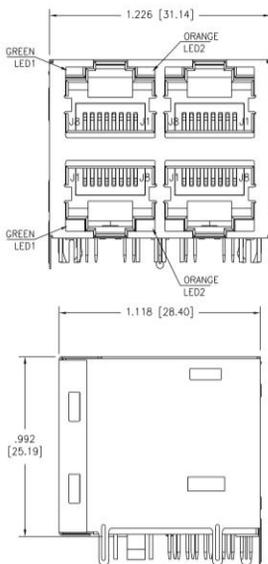
MTJG-2-88JX1-V-FSG-L16-M169Y

RJ45, 8P8C, 100 Base-T, 2 Port Stacked, Right Angle, Tab Up & Down, Full Shield, Through Hole, Integral Magnetics, Green/Yellow-Green/Yellow LED's



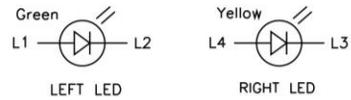
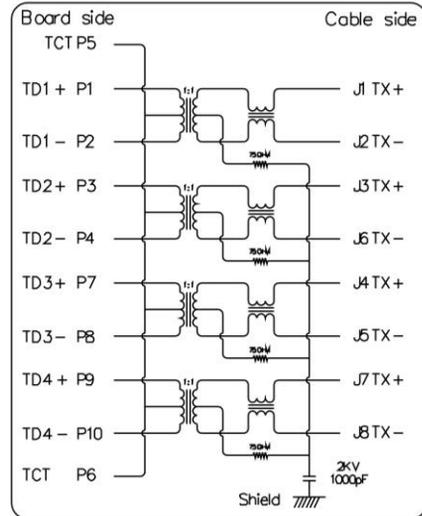
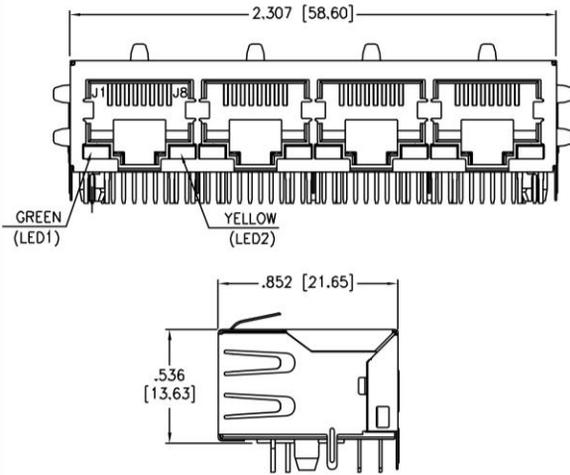
MTJG-4-88JX1-FSG-L5-M150Y-HT

RJ45, 8P8C, 1000 Base-T, 4 Port Ganged & Stacked, Right Angle, Tab Up & Down, Full Shield, Through Hole, Integral Magnetics, Green-Orange LED's, High Temp



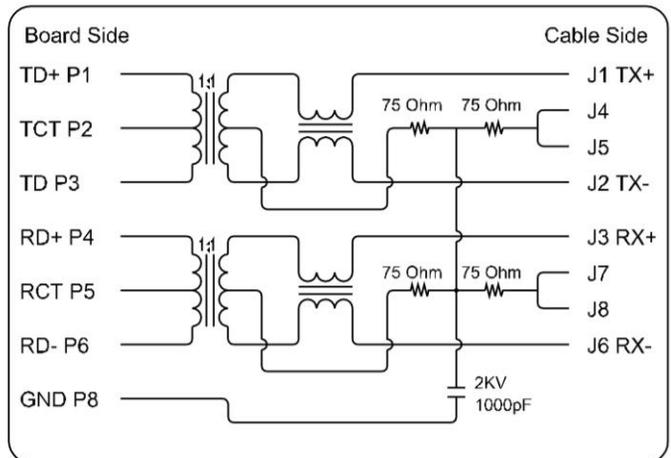
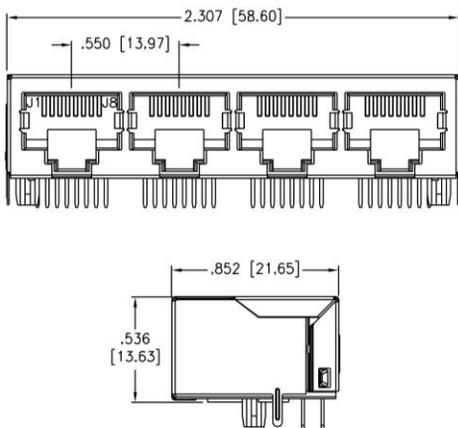
MTJG-4-88TX1-FSD-PG-LH-M21Y-HT

RJ45, 8P8C, 1G Base-T, 4 Port Ganged, Right Angle, Tab Down, Full Shield, Panel Grounds, Through Hole, Integral Magnetics, Green-Yellow LED's, High Temp



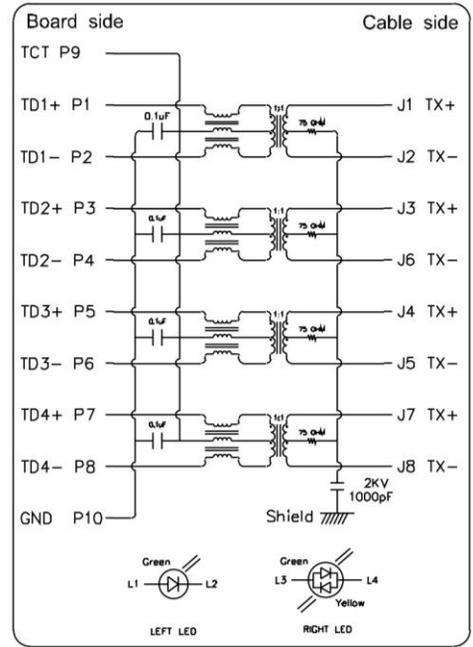
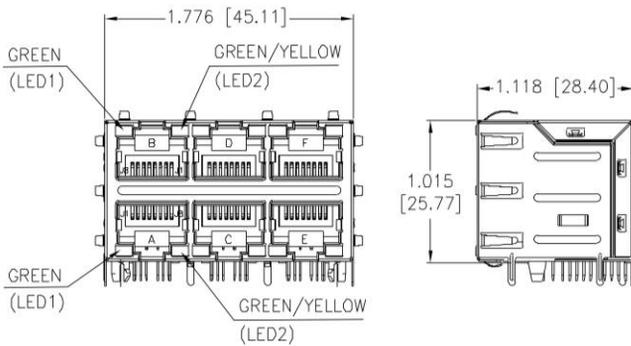
MTJG-4-88TX1-FSD-M5Y-HT

RJ45, 8P8C, 10/100 Base-T, 4 Port Ganged, Right Angle, Tab Down, Full Shield, Through Hole, Integral Magnetics, High Temp



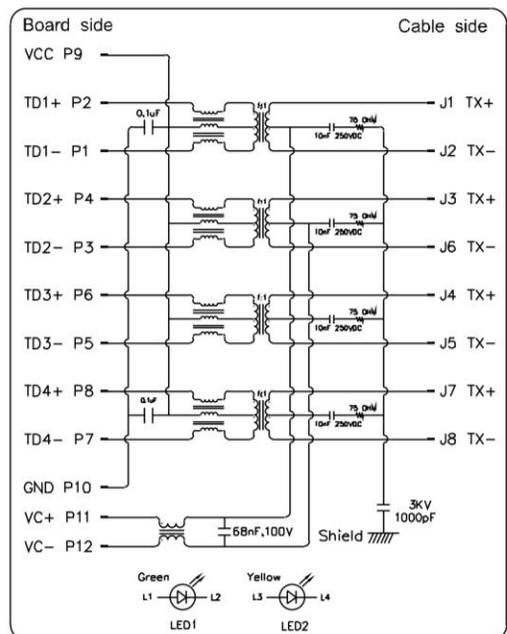
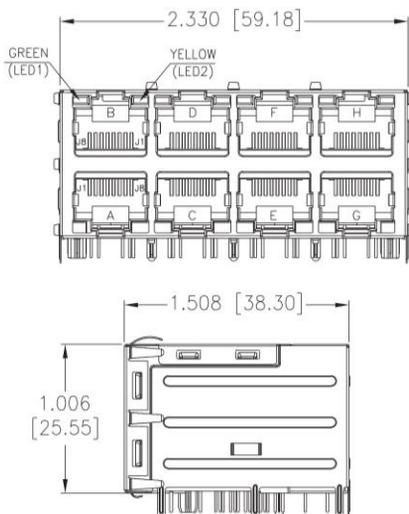
MTJG-6-88JX1-FSG-PG-L35-M150Y-WOT

RJ45, 8P8C, 1000 Base-T, 6 Port Ganged & Stacked, Right Angle, Tab Up & Down, Full Shield, Panel Grounds, Through Hole, Integral Magnetics, Green-Green/Yellow LED's, Wide Operating Temperature



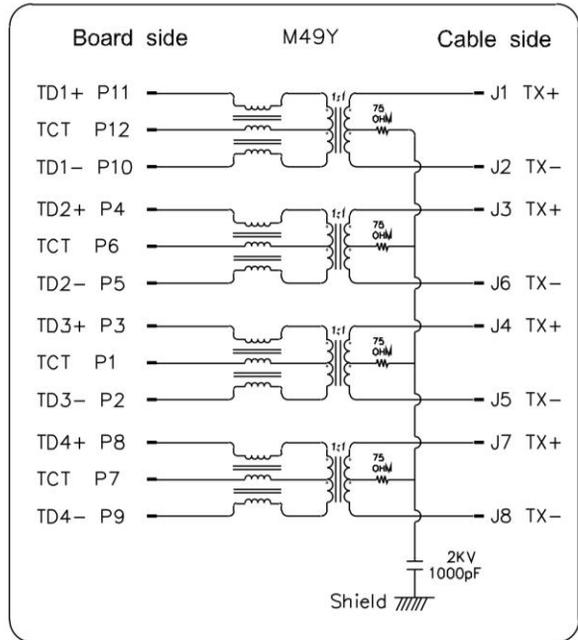
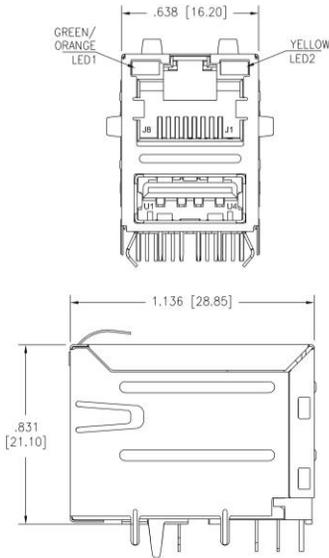
MTJG-8-88JX1-FS-PG-LH-M295YA-HT-WOT

RJ45, 8P8C, 1000 Base-T, 8 Port Ganged & Stacked, Right Angle, Tab Up & Down, Full Shield, Panel Grounds, Through Hole, Integral Magnetics, Green-Yellow LED's, High Temp, Wide Operating Temperature



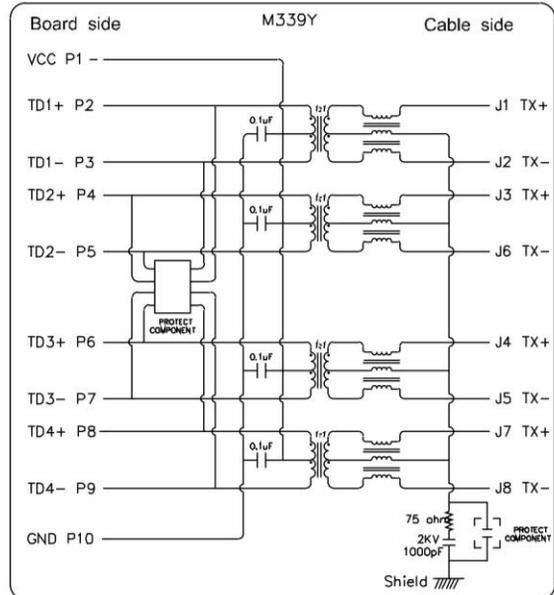
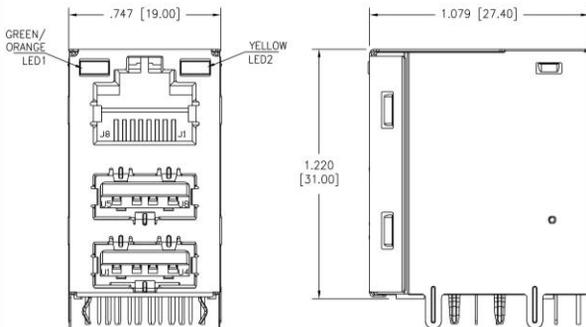
MTJ-USB-88JX1-FS-PG-L29-M49Y

RJ45 8P8C Over USB 2.0, 10/100 Base-T PoE, Right Angle, Tab Up, Full Shield, Panel Grounds, Through Hole, Integral Magnetics, Green/Orange-Yellow LED's



MTJ-DUSB-88JX1-FS-L29-M339Y

RJ45 8P8C Over Dual USB 2.0, 1G Base-T w/ protect component, Right Angle, Tab Up, Full Shield, Through Hole, Integral Magnetics, Green/Orange-Yellow LED's



Together, We Thrive

Our team of passionate experts brings a wealth of experience to the table, ready to collaborate with you and unlock your full potential. By joining forces, we can create innovative solutions and achieve remarkable things.



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