RJ45 Integrated Connectors

Delivering Digital Transformation

TMJ Series

Product description

The Taoglas TMJ Series offer an extensive product line of RJ45 Integrated Connectors designed for commercial and industrial grade applications, supporting 10/100 Base-T and 1G Base-T speed. These surface mount or through-hole components provide reliable performance and maintain signal integrity that meets IEEE 802.3 standards and UL certified. The Power over Ethernet options are also available including PoE, PoE+ and PoE++.

The majority of Taoglas TMJ's are being produced with fully automated winding, assembly & testing to ensure consistent performance, quality and reliability while ensuring cost competitiveness for its customers. These products are fully compliant with the REACH and RoHS directive, and compatible with all major PHY vendors.

Features

- 10/100 Base-T, 1G Base-T
- Single port, Dual ports, Quad ports
- 0℃ ~ +70℃ ; -40℃ ~ +85℃
- PoE ; PoE+ ; PoE++
- SMT and THT mounting

Benefit

- Superior EMI suppression
- Suitable for CAT5e and CAT6 UTP
- Wide selection on package size (short, long, low profile)
- Peak wave/reflow temperature 250℃ @ 5s

Target Applications

Gateways
Modems
Fax Machines
Copiers/ Printers

Security Systems
Video Game Systems
Industrial PCs
IO Panels

Drives
Mother board
Network solutions
5G deployments

Servers
N I C
Routers
Switches

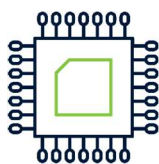Analysis equipment
Mass Spectrometers

TMJ Series, by speed:

10/100 Base-T

Taoglas P/N	Description
TMJ0011ABNL	RJ45 ICM, 10/100Base-T, Single Port, Down, Shielded EMI Finger, w/LED diagonal (G/Y), THT, Commercial, AutoMDIX, Short Body
TMJ0011BBNL	RJ45 ICM, 10/100Base-T, Single Port, Down, Shielded, w/LED diagonal (G/Y), THT, Commercial, AutoMDIX, Short Body
TMJ0026ABNL	RJ45 ICM, 10/100Base-T, Single Port, Down, Shielded EMI Finger, w/LED diagonal (G/Y), THT, Commercial, Auto X'fmr, Short Body
TMJ0277AHNL	RJ45 ICM, 10/100Base-T, Single Port, Down, Shielded EMI Finger, w/LED diagonal (G/Y), THT, Commercial, PoE(350mA), Short Body
TMJ1011ABNL	RJ45 ICM, 10/100Base-T, Single Port, Up, Shielded EMI Finger, w/LED horizontal (G/Y), THT, Commercial, AutoMDIX
TMJ1011BBNL	RJ45 ICM, 10/100Base-T, Single Port, Up, Shielded, w/LED horizontal (G/Y), THT, Commercial, AutoMDIX
TMJ16611AENL	RJ45 ICM, 10/100Base-T, Single Port, Up, Shielded EMI Finger, w/LED vertical (G/Y), THT, Industrial, AutoMDIX, Short Body
TMJ3011ABNL	RJ45 ICM, 10/100Base-T, Single Port, Up, Shielded EMI Finger, w/LED in-line(G/Y), SMT, Commercial, AutoMDIX
TMJ4011ABNL	RJ45 ICM, 10/100Base-T, Single Port, Down, Shielded EMI Finger, w/LED diagonal (G/Y), THT, Industrial, AutoMDIX, Short Body
TMJ4011BBNL	RJ45 ICM, 10/100Base-T, Single Port, Down, Shielded, w/LED diagonal (G/Y), THT, Industrial, AutoMDIX, Short Body
TMJD0012BENL	RJ45 ICM, 10/100Base-T, Single Port, Vertical, Shielded w/LED horizontal (G/Y), THT, Commercial, AutoMDIX
TMJD4012BENL	RJ45 ICM, 10/100Base-T, Single Port, Vertical, Shielded w/LED horizontal (G/Y), THT, Industrial, AutoMDIX

1G Base-T

Taoglas P/N	Description
TMJD4622BDNL	RJ45 ICM, 1G Base-T, Single Port, Vertical, Shielded w/LED horizontal (Y/G), THT, Industrial
TMJG0820GENL	RJ45 ICM, 1G Base-T, Single Port, Down, Shielded EMI Fingers, w/LED horizontal (G/Y), THT, Commercial, AutoMDIX, Short Body
TMJG16459BDNL	RJ45 ICM, 1G Base-T, Single Port, Up, Shielded w/LED vertical (Y/G), THT, Industrial, AutoMDIX, Short Body
TMJG16470ADNL	RJ45 ICM, 1G Base-T, Single Port, Up, Shielded EMI Finger, w/LED vertical (Y/G), THT, Industrial, AutoMDIX, Short Body
TMJG26945AENL	RJ45 ICM, 1G Base-T, Dual Ports, Down, Shielded EMI Finger, w/LED horizontal (G/Y), THT, Industrial, AutoMDIX, Short Body
TMJG46945AENL	RJ45 ICM, 1G Base-T, Quad Ports, Down, Shielded EMI Finger, w/LED(G/Y), THT, Industrial grade, AutoMDIX, Short Body
TMJG4820GENL	RJ45 ICM, 1G Base-T, Single Port, Down, Shielded EMI Finger, w/LED horizontal (G/Y), THT, Industrial, AutoMDIX, Short Body
TMJG4933HENL	RJ45 ICM, 1G Base-T, Single Port, Down, Shielded w/LED horizontal (G/Y), THT, Industrial, AutoMDIX, Short Body
TMJK0036AINL	RJ45 ICM, 1G Base-T, Single Port, Up, Shielded EMI Finger, w/LED horizontal (Y-G/G), THT, Commercial, AutoMDIX, Long Body, 3Wire/Phy
TMJK6064A9NL	RJ45 ICM, 1G Base-T, Single Port, Up, Shielded EMI Finger, w/LED horizontal (Y-G/G), THT, Industrial, AutoMDIX, Long Body, PoE++(720mA)
TMJK7003A98NL	RJ45 ICM, 1G Base-T, Single Port, Up, Shielded EMI Finger, w/LED vertical (Y-G/G), THT, Commercial, AutoMDIX, Low Profile, 3Wire CMC/Cable
TMJK7036-1A98NL	RJ45 ICM, 1G Base-T, Single Port, Up, Shielded EMI Finger, w/LED vertical (O-G/Y), THT, Commercial, AutoMDIX, Low Profile, 3Wire CMC/Chip

Trusted Technology
We have enabled tens of thousands of successful IoT/M2M hardware and software projects globally over the last 17 years.

Customer Support
Located close to customers globally with latest test, design and support services.

Global Engineering Excellence
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