Introducing

Mag45 Power Over Ethernet Connector Plus PSE-ICM

Tyco Electronics Mag45 PoE Plus connectors provide enhanced power over Ethernet through standard CAT5 Ethernet cabling. The enhanced power of the Mag45 PoE Plus connector allows products to be powered over existing Cat5 Ethernet infrastructure. The complete product line offers fully integrated solutions, PoE Plus enabled solutions, and standard 10/100/1000 solutions in compatible footprints.

Tyco Electronics

Our commitment. Your advantage.

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KEY FEATURES

- Current carried supported to current 802.3at specification. (600mA)
- 80V tolerant, surge protected system with single voltage feeding. (51-56V)
- 0.25Ω total channel resistance
- EMI optimized design
- Compact design

APPLICATIONS

- Switches, routers, hubs
- Wireless access points
- Network cameras
- Video/IP telephones
- Point of sale terminals
- Thin client computers

ELECTRICAL

- Magnetic product performs for 10/100/1000BASE-T applications
- Insertion Loss -1.29 dB maximum at 100 MHz
- Return Loss -10 dB minimum at 100 MHz
- Crosstalk -20.5 dB minimum at 100MHz
- Dielectric Withstand Voltage 2250 VDC

APPLICATION AND SPECIFICATION

- IEE 802.3 at
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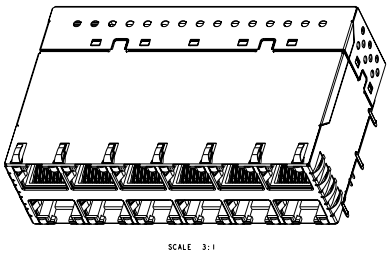
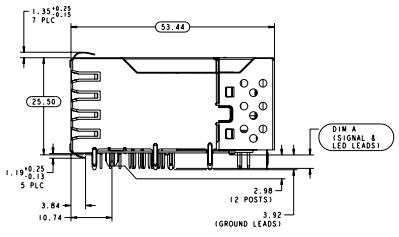
- PoETec compliant available
- UL E141081
- IEC 60950-1
- FCC Class B compliant

PRODUCT OFFERING

Base PN	Magnetics	Description	Footprint	Ports
1840251	10/100/1000	2X6 Mag45 GIG INTGRTD PoE+ S9HG48 W/ LED, LTC Chip	Through Hole	2x6
1840269	10/100/1000	2X4 Mag45 GIG INTGRTD PoE+ S9HG48 W/ LED, LTC Chip	Through Hole	2x4
1840329	10/100/1000	2X6 Mag45 GIG PoE+ Enabled S9HG02 W/O LED 840mA	Through Hole	2x6
1840369	10/100/1000	2X6 Mag45 S9HG56 GIG PoE+ Enabled	Through Hole	2x6
1840926	10/100/1000	2X8 Mag45 GIG PoE+ Enabled S9HG43 Circuit W/O LED	Through Hole	2x8
1840257	10/100/1000	2X6 Mag45 GIG S8G16 AUTO-WELD MOD W/ LED Non PoE	Through Hole	2x6
1840333	10/100/1000	2X6 Mag45 GIG INTGRTD PoE+ S9HG48 W/ LED, MS Chip	Through Hole	2x6
1840353	10/100/1000	2X6 Mag45 GIG INTGRTD PoE+ S9HG48 W/ LED, BCM Chip, DC Disconnect	Through Hole	2x6
1840267	10/100/1000	2X6 Mag45 GIG PoE+ Enabled S9HG49 Circuit	Through Hole	2x6

PRODUCT DIMENSIONS





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