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Part Number: [0855861003](#)
Status: **Active**
Overview: [magnetic modular jacks](#)
Description: Gigabit Magnetic Jack, Integrated PSE PoE 2x4

Documents:

[3D Model](#) [Product Specification PS-85586-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Modular Jacks/Plugs
Series	85586
Component Type	PCB Jack
Magnetic	Yes
Overview	magnetic modular jacks
Performance Category	5e
Power over Ethernet (PoE)	PoE
Product Name	Magnetic Jack

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Keying to Mating Part	Yes
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.60mm (.142")
Packaging Type	Tray
Pitch - Mating Interface	1.02mm (.040")
Pitch - Termination Interface	1.27mm (.050")
Ports	8
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +70°C, 75°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	CAT 5, CAT 6

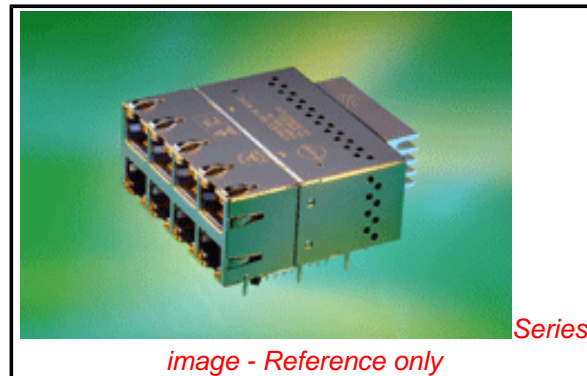
Electrical

Current - Maximum per Contact	1A
Grounding to PCB	Yes
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	57V

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260

Material Info



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
 non-product compliance questions.

Search Parts in this Series

[85586Series](#)

Mates With

[90075](#) , Plugs conforming to IEC 60603-7,
[95043](#) , [85568](#)

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-85586-001
SD-85586-013

This document was generated on 08/25/2011

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