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**Part Number:** [0855861005](#)  
**Status:** **Active**  
**Overview:** [magnetic modular jacks](#)  
**Description:** Gigabit Magnetic Jack, Integrated PSE PoE 2x6

**Documents:**

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

**General**

Product Family	Modular Jacks/Plugs
Series	<a href="#">85586</a>
Component Type	PCB Jack
Magnetic	Yes
Overview	<a href="#">magnetic modular jacks</a>
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	12
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

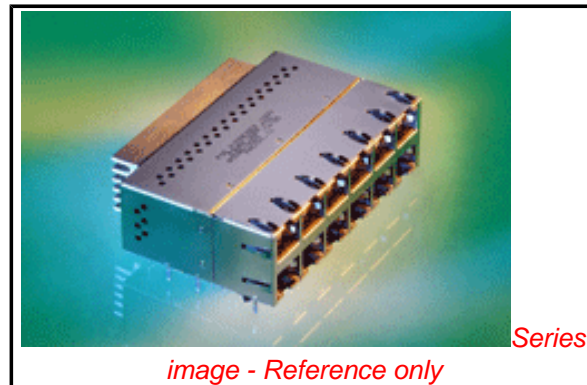
**Electrical**

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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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-85586-012

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