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**Part Number:** [90075-0141](#)  
**Status:** **Active**  
**Overview:** [Modular Plugs - Jacks](#)  
**Description:** [Modular Plug, Short Body, 8/8](#)

**Documents:**

[3D Model](#) [Application Specification AS-90075 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-90075 \(PDF\)](#)

**Agency Certification**

UL E107635

**General**

Product Family [Modular Jacks/Plugs](#)  
Series [90075](#)  
Component Type [Wire Plug](#)  
Magnetic [No](#)  
Overview [Modular Plugs - Jacks](#)  
Performance Category [3](#)  
Power over Ethernet (PoE) [N/A](#)  
Product Name [RJ45](#)

**Physical**

Boot Color [N/A](#)  
Color - Resin [Clear](#)  
Durability (mating cycles max) [500](#)  
Flammability [94V-0](#)  
Inverted / Top Latch [N/A](#)  
Jack Height [N/A](#)  
Lightpipes/LEDs [None](#)  
Material - Metal [Phosphor Bronze](#)  
Material - Plating Mating [Gold](#)  
Material - Plating Termination [Tin](#)  
Material - Resin [Polycarbonate](#)  
Orientation [N/A](#)  
PCB Retention [None](#)  
Packaging Type [Bag](#)  
Pitch - Mating Interface [1.02mm](#)  
Pitch - Termination Interface [1.02mm](#)  
Plating min - Mating [1.270µm](#)  
Plating min - Termination [1.270µm](#)  
Ports [1](#)  
Positions / Loaded Contacts [8/8](#)  
Surface Mount Compatible (SMC) [No](#)  
Temperature Range - Operating [-40°C to +60°C](#)  
Termination Interface: Style [N/A](#)  
Waterproof / Dustproof [No](#)  
Wire/Cable Type [Flat Oval](#)

**Electrical**

Current - Maximum per Contact [1.5A](#)  
Grounding to Panel [N/A](#)  
Shielded [No](#)  
Voltage - Maximum [125V DC](#)

**Material Info**

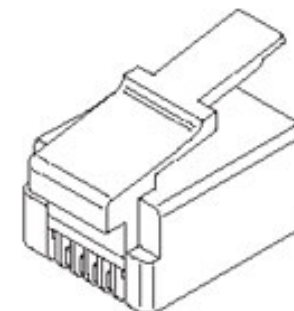


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[90075Series](#)

**Mates With**

[FCC 68 Jacks...](#)

**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Parallel Action Handtool for Modular Plug, FCC 68, 8/8 Circuit, Short Body	<a href="#">0690081124</a>
Arbor Press Fixture for Modular Plug, FCC 68, Short Body, 8/8 Circuit	<a href="#">0690200140</a>
IDT - Manual Press	<a href="#">0011201274</a>

**Reference - Drawing Numbers**

Application Specification

Product Specification

Sales Drawing

AS-90075

PS-90075

SDA-90075

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