

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0900750141](#)  
**Status:** **Active**  
**Overview:** [modular\\_plugs\\_jacks](#)  
**Description:** Modular Plug, Short Body, 8/8

**Documents:**

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

**Agency Certification**

UL E107635

**General**

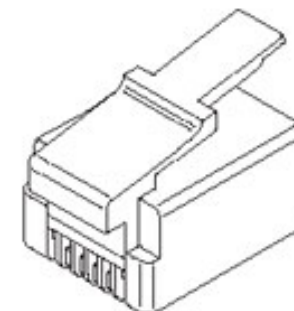
Product Family Modular Jacks/Plugs  
 Series [90075](#)  
 Component Type Wire Plug  
 Magnetic No  
 Overview [modular\\_plugs\\_jacks](#)  
 Performance Category 3  
 Power over Ethernet (PoE) N/A  
 Product Name RJ45

**Physical**

Boot Color N/A  
 Color - Resin Clear  
 Durability (mating cycles max) 500  
 Flammability 94V-0  
 Inverted / Top Latch N/A  
 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 (in) 0.040 In  
 Pitch - Mating Interface (mm) 1.02 mm  
 Pitch - Term. Interface (in) 0.040 In  
 Pitch - Term. Interface (mm) 1.02 mm  
 Plating min: Mating (µin) 50.8  
 Plating min: Mating (µm) 1.27  
 Plating min: Termination (µin) 50  
 Plating min: Termination (µm) 1.27  
 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



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free  
Status**

**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 #
Arbor Press Fixture for 90075, Modular Plug, FCC 68, Short Body, 8/8 Circuit	<a href="#">0690200140</a>
IDT - Manual Press Parallel Action Handtool for 90075 Modular Plug, FCC 68, 8/8 Circuit, Short Body	<a href="#">0011201274</a> <a href="#">0690081124</a>

Voltage - Maximum

125V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-90075

Packaging Specification

PK-90075-003

Product Specification

PS-90075

Sales Drawing

SDA-90075

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