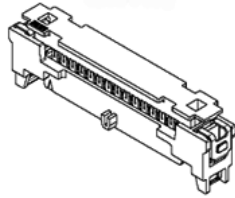


**Part Number: 87985-8044**

**2.00mm Pitch Milli-Grid™ IDT Receptacle, Dual Row, with Center Polarization Key and Embossed Metal Latch, 44 Circuits, 0.38µm Gold (Au) Plating on contact area, 1.88µm Tin(Sn) Plating on IDT area, Lead-Free**



Series image - Reference only

<b>Status:</b>	<b>OBSOLETE</b>
<b>Replacement:</b>	Contact Molex
<b>Series:</b>	<a href="#">87985</a>
<b>Category:</b>	IDT and Solder Connectors
<b>Overview:</b>	<a href="#">Milli-Grid™ Connector System</a>

**Mates With Part(s):**

Milli-Grid™ Headers [87981](#), [87982](#), [87983](#), [87984](#)

**Product Environmental Compliance**

**EU RoHS:** ELV and RoHS Compliant

**China RoHS:**

**REACH SVHC:** Contains SVHC: No

**Low-Halogen Status:** Not Low-Halogen

**Part Detail****General**

<b>Status</b>	<b>Obsolete</b>
Category	IDT and Solder Connectors
Series	<a href="#">87985</a>
Overview	<a href="#">Milli-Grid™ Connector System</a>
Product Name	Milli-Grid™
Use With	Stranded Flat Ribbon Cables

**Physical**

Circuits (Loaded)	44
Circuits (maximum)	44
Durability (mating cycles max)	500
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Beryllium Copper, Stainless Steel
Material - Plating Mating	Gold
Number of Rows	2
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40°C to +85°C
Wire Size AWG	26, 28

**Electrical****(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	1A
Voltage - Maximum	125V AC (RMS)/DC

**Agency Certification**

CSA	LR19980
UL	E29179

**Material Info**

UPC	822350911283
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**Reference - Drawing Numbers**

Product Specification	PS-87985-026
Sales Drawing	SD-87985-015

**Application Tooling**

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then

contained in the Application Tooling Specification document.

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**Crimp Quality Equipment**

[Molex also offers wire strippers, pull testers, shut-height gauges, micro-meters and more](#)

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**Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)