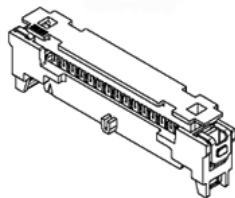


**Part Number: 87985-8030**

2.00mm Pitch Milli-Grid™ IDT Receptacle, Dual Row, with Center Polarization Key and Embossed Metal Latch, 30 Circuits, 0.38µm Gold (Au) Plating on contact area, 1.88µm Tin(Sn) Plating on IDT area, Lead-Free



Series image - Reference only

Status:	OBSOLETE
Replacement:	Contact Molex
Series:	87985
Category:	IDT and Solder Connectors
Overview:	Milli-Grid™ Connector System

Mates With Part(s):

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

Product Environmental Compliance

[EU RoHS:](#) ELV and RoHS Compliant

[China RoHS:](#) 

[REACH SVHC:](#)

[Low-Halogen Status:](#) Not Reviewed

Part Detail**General**

Status	Obsolete
Category	IDT and Solder Connectors
Series	87985
Overview	Milli-Grid™ Connector System
Product Name	Milli-Grid™
Use With	Stranded Flat Ribbon Cables

Physical

Circuits (Loaded)	30
Circuits (maximum)	30
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	822350911245
-----	--------------

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.

Crimp Quality Equipment

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

Previously Available Application Tooling

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