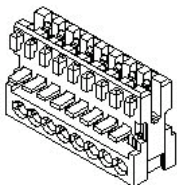


**Part Number: 90871-1752**

2.50mm Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 6 Circuits



Series image - Reference only

Status:	OBSOLETE
Replacement:	Contact Molex
Series:	90871
Category:	IDT and Solder Connectors
Overview:	RAST 2.5 Connector System

Mates With Part(s):[90861](#), [90860](#)**Part Detail****General**

Status	Obsolete
Category	IDT and Solder Connectors
Series	90871
Overview	RAST 2.5 Connector System
Product Name	RAST 2.5
Use With	RAST standard interface

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	10
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-20C TO +120C
Termination Interface: Style	IDT or Pierce
Wire Size AWG	22, 24

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

Current - Maximum per Contact	2A
Voltage - Maximum	32V AC

Agency Certification

CSA	LR19980
UL	E29179

Material Info

UPC	822348828579
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Reference - Drawing Numbers

Packaging Specification	PK-90871-001
Product Specification	PS-99020-0040
Sales Drawing	SD-90871-001

Application Tooling

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](#)