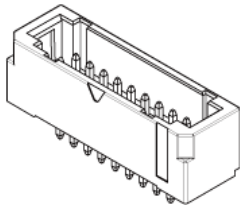


**Part Number: 502125-1840****1.75mm Pitch Compak-Lock™ Wire-to-Board Header, Dual Row, Vertical, 18 Circuits**

Series image - Reference only

Status:	OBSOLETE
Replacement:	Contact Molex
Series:	502125
Category:	PCB Headers

Mates With Part(s):

502056 Crimp Housing, 502057 Crimp Terminal

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant



China RoHS: REACH SVHC: Contains SVHC: No

Low-Halogen Status: Not Reviewed

Part Detail**General**

Status	Obsolete
Category	PCB Headers
Series	502125
Application	Signal, Wire-to-Board
Product Name	Compak-Lock™

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	9.50mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.20mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.50mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Through Hole

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

Current - Maximum per Contact	2A
Voltage - Maximum	250V AC (RMS)/DC

Material Info

UPC	822350566209
-----	--------------

Reference - Drawing Numbers

Application Specification	AS-502056-001, AS-502056-002
Product Specification	PS-502056-001, RPS-502056-001
Sales Drawing	SD-502125-001

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.

Previously Available Application Tooling

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