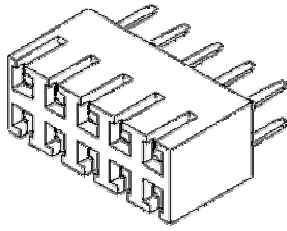


**Part Number: 71840-0054**

2.54mm Pitch C-Grid® Receptacle, Dual Row, Vertical, Low Profile, High-Temperature, 40 Circuits



Series image - Reference only

Status: **OBSOLETE**
Replacement: NONE
Series: 71840
Category: PCB Receptacles

Product Environmental Compliance

[EU RoHS:](#) Compliance Status Not Reviewed
[China RoHS:](#)
[REACH SVHC:](#) Not Reviewed
[Low-Halogen Status:](#) Not Reviewed

Part Detail**General**

Status	Obsolete
Category	PCB Receptacles
Series	<u>71840</u>
Application	Board-to-Board, Signal
Product Name	C-Grid®

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	50
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.49mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to PCB	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

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

Current - Maximum per Contact	2.5A
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Material Info

UPC	800754712675
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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](#)

