

**Part Number: 68540-1080**

Image not available

**Status:** Contact Molex  
**Series:** [68540](#)  
**Category:** Cable Assemblies

Series image - Reference only

**Mates With Part(s):**MFB™ (Futurebus+) Header [55222](#), [53901](#), [53798](#)**Use With:**[53956](#) MFB™ (Futurebus+) PCB Power Receptacle**Part Detail****General****Status**

Category  
 Series  
 Connector to Connector  
 Product Name

**Contact Molex**

Cable Assemblies  
[68540](#)  
 MFB™-to-MFB™  
 MFB™

**Physical**

Cable Length	0.80m
Circuits (Loaded)	24
Color - Resin	Black, Natural
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic, Polycarbonate, Polyester
Packaging Type	Bag
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	1.016µm
Single Ended	No
Termination Interface: Style	IDT or Pierce
Wire Insulation Diameter	) (.02, 0.50-0.90 cm (2.95"
Wire Size AWG	30
Wire/Cable Type	Round

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

Current - Maximum per Contact	0.5A
Impedance	100Ω
Shielded	No
Voltage - Maximum	90V

**Material Info**

UPC	756054911433
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**Reference - Drawing Numbers**

Sales Drawing	SD-68540-001
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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](#)