

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1728970002](#)
Status: **Active**
Overview: [MediSpec Product Family](#)
Description: MPC-to-Pigtail Cable Assembly, Panel Mount, Female, 0.5m Length, 17 Circuits

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 2021100000-PS-000 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Packaging Specification 1728970000-PK-000 \(PDF\)](#)

General

| | |
|-----------------------------|---|
| Product Family | Cable Assemblies |
| Series | 172897 |
| Application | Panel-Mount, Wire-to-Wire |
| Assembly Configuration | Single Ended Connector |
| Connector to Connector | MPC-to-Pigtail |
| Overmolded | No |
| Overview | MediSpec Product Family |
| Product Literature Order No | 987651-1813 |
| Product Name | MPC |
| UPC | 191130057603 |

Physical

| | |
|--------------------------------|--------------------------------|
| Cable Length | 0.50m |
| Circuits (Loaded) | 17 |
| Color - Resin | Black |
| Gender | Female |
| Lock to Mating Part | Yes |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Tin |
| Material - Resin | Medical Grade PPSU |
| Packaging Type | Bag |
| Plating min - Mating | 0.762µm |
| Single Ended | Yes |
| Termination Interface: Style | Solder Cup |
| Wire Insulation Diameter | 0.80mm |
| Wire Size AWG | 28 |
| Wire/Cable Type | Discrete Wire, Stranded Copper |

Electrical

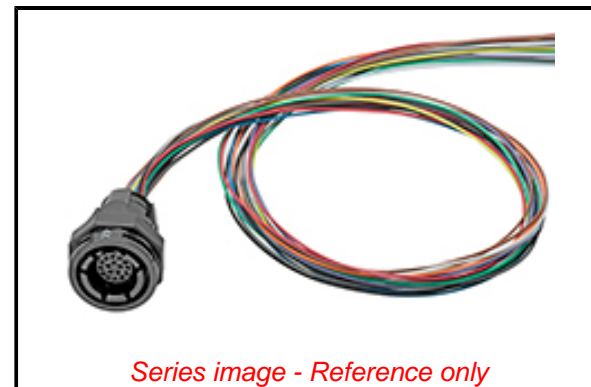
| | |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.6A |
| Voltage - Maximum | 300V AC (RMS) |

Material Info

| | |
|--------------------|----------------|
| Engineering Number | KAB2373L0.5V02 |
|--------------------|----------------|

Reference - Drawing Numbers

| | |
|-------------------------|-------------------|
| Packaging Specification | 1728970000-PK-000 |
| Product Specification | 2021100000-PS-000 |
| Sales Drawing | 1728970000-SD-000 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

| | |
|------------|--------------|
| China ROHS | Not Reviewed |
|------------|--------------|

| | |
|-----|--------------|
| ELV | Not Relevant |
|-----|--------------|

| | |
|-----------------|--------------|
| RoHS Phthalates | Not Reviewed |
|-----------------|--------------|

Search Parts in this Series

[172897 Series](#)

Mates With

MPC Male Cable Assembly [1728980002](#) ,
[1728990002](#)

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Sensor Cables / Actuator Cables](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[60963](#) [60964](#) [703000D02F2002](#) [703001D02F0602](#) [703001D02F300](#) [704000D02F120](#) [773032K02F030](#) [802027107404-1](#) [802027213811-1](#)
[804001A09M150](#) [805001A09M0502](#) [84914-0235](#) [84914-0237](#) [885030A09M020](#) [8R4J30E03C3003](#) [1200651332](#) [1200651713](#) [1200660844](#)
[1200660845](#) [1200661173](#) [1200680071](#) [1200720053](#) [1200720081](#) [1200720099](#) [1200720217](#) [1200800231](#) [1200860125](#) [1200870123](#)
[1200980102](#) [1200650267](#) [1200650298](#) [1200660183](#) [1200660782](#) [1200660849](#) [1200661295](#) [1200661297](#) [1200661342](#) [1200661343](#)
[1200670080](#) [1200670220](#) [1200680331](#) [1200720252](#) [1200730184](#) [1200860344](#) [1200870359](#) [1200870643](#) [1200980008](#) [1200980031](#)
[1210502211](#) [1210400542](#)