**Part Number :** 1200868396
**Product Description :** M8 Signal, B-Coded, Single-Ended Cordset, 5 Poles, Female (90°), 0.25mm² (24 AWG), Black PUR LS0H Cable, 2.0m (6.56') Length
**Series Number :** 120086
**Status :** Active
**Product Category :** Industrial Cable Assemblies
**Engineering Part Number :** 405001H08M020



## Documents and Resources

### Drawings

1200868396_sd.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

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EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - Declaration of Conformity

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Industrial Cable Assemblies |
| Series | 120086 |
| Description | M8 Signal, B-Coded, Single-Ended Cordset, 5 Poles, Female (90°), 0.25mm$^2$ (24 AWG), Black PUR LS0H Cable, 2.0m (6.56') Length |
| IP Rating | IP67 |
| Product Name | M8 Signal,Nano-Change (M8) |
| Type | Single Ended |
| UPC | 78172532889 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 30V AC/DC |

### Physical

| | |
|---|---|
| Cable Diameter | 4.70mm (.185") |
| Cable Length | 2.0m (6.56') |
| Color - Cable Jacket | Black |
| Connector End A | M8 Signal |
| Connector End B | Pigtail |
| Coupling Style | Threaded |
| Gender | Female-Pigtail |
| Keyway | B-Coded |
| LED Indicator | None |
| Material - Cable Jacket | PUR |
| Material - Connector Body | TPU |
| Material - Contact | Brass |

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| | |
|---|---|
| Material - Coupling Nut | Nickel-plated Brass |
| Material - O-Ring | Fluoro-elastomer |
| Material - Plating Mating | Gold |
| Net Weight | 67.679/g |
| Orientation | 90° to Pigtail |
| Poles | 5 |
| Temperature Range - Operating | -25° to +80°C |
| Wire/Cable Type | UL 21198 |
| Wire Size (AWG) | 24 |



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