



**Part Number :** [1200700252](#)  
**Product Description :** M12 Signal, A-Coded, Receptacle, 5 Poles, Male, Front Panel Mount, 1/2"-14 NPT Mounting Threads, 22 AWG, PVC Leads, 0.30m (0.984') Length  
**Series Number :** 120070  
**Status :** Active  
**Product Category :** Industrial Connectors  
**Engineering Part Number :** 8R5006A18A120



## Documents and Resources

### Drawings

[1200700252\\_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; Medium-chain chlorinated paraffins (MCCP) per D(2022)9120-DC (17 Jan 2023)               |
| 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

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

#### CE - Declaration of Conformity

#### UKCA - Declaration of Conformity

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## Part Details

### General

|              |                                                                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                    |
| Category     | Industrial Connectors                                                                                                                     |
| Series       | 120070                                                                                                                                    |
| Description  | M12 Signal, A-Coded, Receptacle, 5 Poles, Male, Front Panel Mount, 1/2"-14 NPT Mounting Threads, 22 AWG, PVC Leads, 0.30m (0.984') Length |
| IP Rating    | IP67                                                                                                                                      |
| NEMA Rating  | NEMA 6                                                                                                                                    |
| Product Name | M12 Signal, Micro-Change (M12)                                                                                                            |
| Type         | Single Ended (pigtail)                                                                                                                    |
| UPC          | 78172553121                                                                                                                               |

### Agency

|     |         |
|-----|---------|
| CSA | LR6837  |
| UL  | E152210 |

### Electrical

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 4.0A       |
| Voltage - Maximum             | 250V AC/DC |

### Physical

|               |                 |
|---------------|-----------------|
| Coupling Type | External Thread |
|---------------|-----------------|

|                               |                         |
|-------------------------------|-------------------------|
| Gender                        | Male                    |
| Keyway                        | A-Coded                 |
| Length                        | 0.30m                   |
| Material - Component          | Black Anodized Aluminum |
| Mounting Thread Size          | 1/2" - 14 NPT           |
| Net Weight                    | 66.000/g                |
| Orientation                   | Straight                |
| Panel Mount                   | Front                   |
| Poles                         | 5                       |
| Temperature Range - Operating | -20° to +80°C           |
| Wire/Cable Type               | UL 1061                 |
| Wire Size (AWG)               | 22                      |