molex



**Part Number :** 1202540045
**Product Description :** Contrinex Photoelectric Sensor, C23 (20 x 30mm) Housing, Background Suppression, 10 - 300mm Operating Distance, NPN, Changeover, Potentiometer Sensitivity Adjustment, 4-pin M8 Connector
**Series Number :** 120254
**Status :** Not Recommended For New Design
**Product Category :** Inductive and Photoelectric Sensors
**Engineering Part Number :** LHR-C23PA-PMS-101

## Documents & Resources

### Specifications

1202540042-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2022)4187-DC (10 June 2022) |
| EU RoHS | Compliant 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

UKCA - Declaration of Conformity

CE - Declaration of Conformity

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## Part Details

### General

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|---|---|
| Status | Not Recommended For New Design |
| Category | Photoelectric Sensors |
| Series | 120254 |
| Description | Contrinex Photoelectric Sensor, C23 (20 x 30mm) Housing, Background Suppression, 10 - 300mm Operating Distance, NPN, Changeover, Potentiometer Sensitivity Adjustment, 4-pin M8 Connector |
| IP Rating | IP67 |
| Operating Principle | Background Suppression |
| Product Name | Contrinex |
| Type | Photoelectric |
| UPC | 191130067114 |

### Electrical

| | |
|---|---|
| Output | Changeover |
| Polarity | NPN |
| Switching Frequency | ≤ 1000 Hz |

### Physical

| | |
|---|---|
| Connection | Connector (M8, 4-pin) |
| Housing Size | 20 x 30mm |
| Material - Housing | ABS |

| | |
|---|---|
| Material - Window | PMMA |
| Net Weight | 15245.000/g |
| Operating Distance | 10 - 300mm |
| Output | Changeover |
| Sensor Housing Size | C23 |
| Temperature Range - Operating | -25° to +65°C |