molex



Part Number : 1202540018
Product Description : Contrinex Photoelectric Sensor, C12 (13.5 x 27.5mm) Housing, Background Suppression, 2 - 120mm Operating Distance, PNP, Light-ON, Potentiometer Sensitivity Adjustment, 2m 3-wire PVC Cable
Series Number : 120254
Status : Not Recommended For New Design
Product Category : Inductive and Photoelectric Sensors
Engineering Part Number : LHR-C12PA-PLK-303

Documents & Resources

Specifications

1202540018-000.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 Reviewed per D(2025)4165-DC (25 June 2025)
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

Part Details

General

Status	Not Recommended For New Design
Category	Photoelectric Sensors
Series	120254
Description	Contrinex Photoelectric Sensor, C12 (13.5 x 27.5mm) Housing, Background Suppression, 2 - 120mm Operating Distance, PNP, Light-ON, Potentiometer Sensitivity Adjustment, 2m 3-wire PVC Cable
IP Rating	IP67
Operating Principle	Background Suppression
Product Name	Contrinex
Type	Photoelectric
UPC	191130066544

Electrical

Output	Light-ON
Polarity	PNP
Switching Frequency	≤ 800 Hz

Physical

Connection	Cable (PVC 2m, 3-wire)
Housing Size	13.5 X 27.5mm
Material - Housing	ABS
Material - Window	PMMA

Operating Distance	2 - 120mm
Output	Light-ON
Sensor Housing Size	C12
Temperature Range - Operating	0° to +55°C