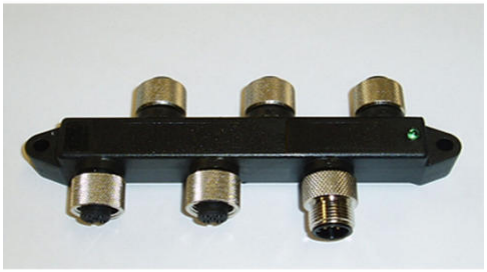
molex



Part Number : 845870005
Product Description : M12 Signal, A-Coded, MPIS M12 Passive Distribution Box, Side-Mount, 5 Poles, 6 Ports (5 Female/1 Male)
Series Number : 84587
Status : Active
Product Category : Passive Distribution Boxes
Engineering Part Number : NMEA-TEE-1M5F

Documents and Resources

Drawings

845870005_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 Reviewed per IEC 61249-2-21
REACH SVHC	Not Reviewed 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

EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - Declaration of Conformity

Part Details

General

Status	Active
Category	Passive Distribution Boxes
Series	84587
Description	M12 Signal, A-Coded, MPIS M12 Passive Distribution Box, Side-Mount, 5 Poles, 6 Ports (5 Female/1 Male)
IP Rating	IP67
Product Name	M12 Signal,Micro-Change (M12),MPIS
UPC	78172531355

Electrical

Current - Maximum per Contact	4.0A per port
Functional Wiring	Parallel
Voltage - Maximum	30V DC
Wiring Configuration	DeviceNet

Physical

Bus I/O	Micro-Change (M12)
Cable Connector Orientation	Straight
Home Run Cable Length	N/A
Home Run Connector	Micro-Change (M12) - 5 pole
Home Run Interface	Integrated Connector
Keyway	A-Coded
LED Indicator	Green
Material - Cable Jacket	N/A

Material - Housing	PVC
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Net Weight	65.650/g
Orientation	Side Mount
Poles	5
Poles (wired)	5
Ports	6
Temperature Range - Operating	-20° to +80°C