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Part Number: [1201140083](#)
Status: **Active**
Overview: [microchange m12 connectors](#)
Description: Micro-Change® Molded Junction Box, Top Mount, 8 Ports, 2(IO) per port, LEDs for PNP sensors, with Integral Mini-Change® Home Run Connector

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR6837
 UL E152210

General

Product Family Passive Distribution Boxes
 Series [120114](#)
 Comments PNP SENSORS
 IP Rating IP68
 NEMA Rating NEMA 6
 Overview [microchange m12 connectors](#)
 Product Name Micro-Change® (M12)

Physical

Bus I/O Micro-Change® (M12)
 Cable Connector Orientation 90° Angle
 Cable Length N/A
 Home Run Cable Length N/A
 Home Run Connector Mini-Change® - 19 pole
 Home Run Interface Integrated Connector
 Keyway Single
 LED Indicator Yes
 Material - Cable Jacket N/A
 Material - Housing PBT
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Orientation Top Mount
 Poles 5
 Poles (wired) 5
 Ports 8
 Temperature Range - Operating -25°C to +90°C
 Wiring Configuration Dual I/O per Port

Electrical

Current - Maximum per Contact 12A per module, 4A per port
 Functional Wiring Parallel
 Voltage - Maximum 10-30V DC

Material Info

Old Part Number BTY803P-FBB

Reference - Drawing Numbers

Sales Drawing SD-120114-075

EU RoHS

**ELV and RoHS
 Compliant
 REACH SVHC
 Not Reviewed
 Halogen-Free
 Status
 Not Reviewed**

China RoHS



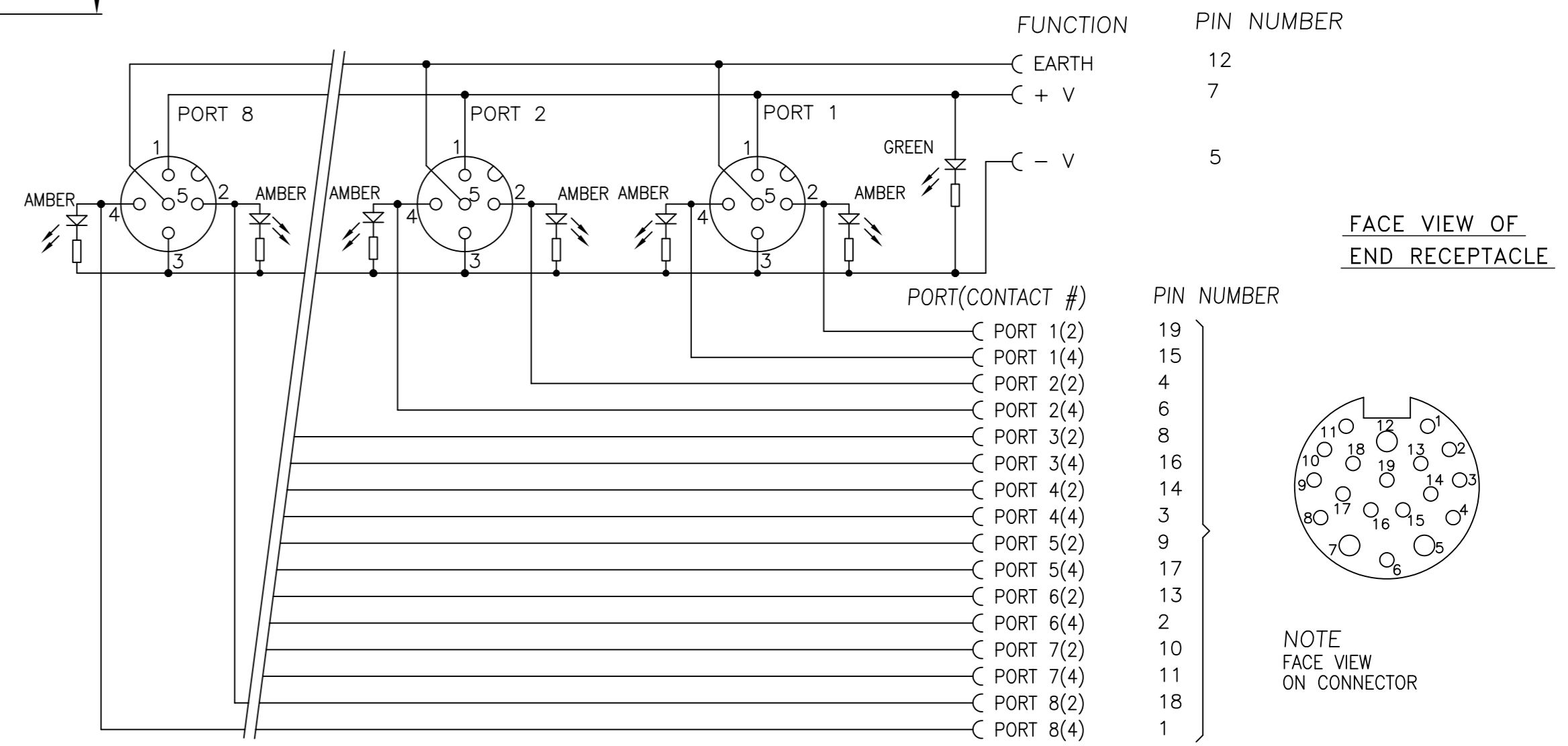
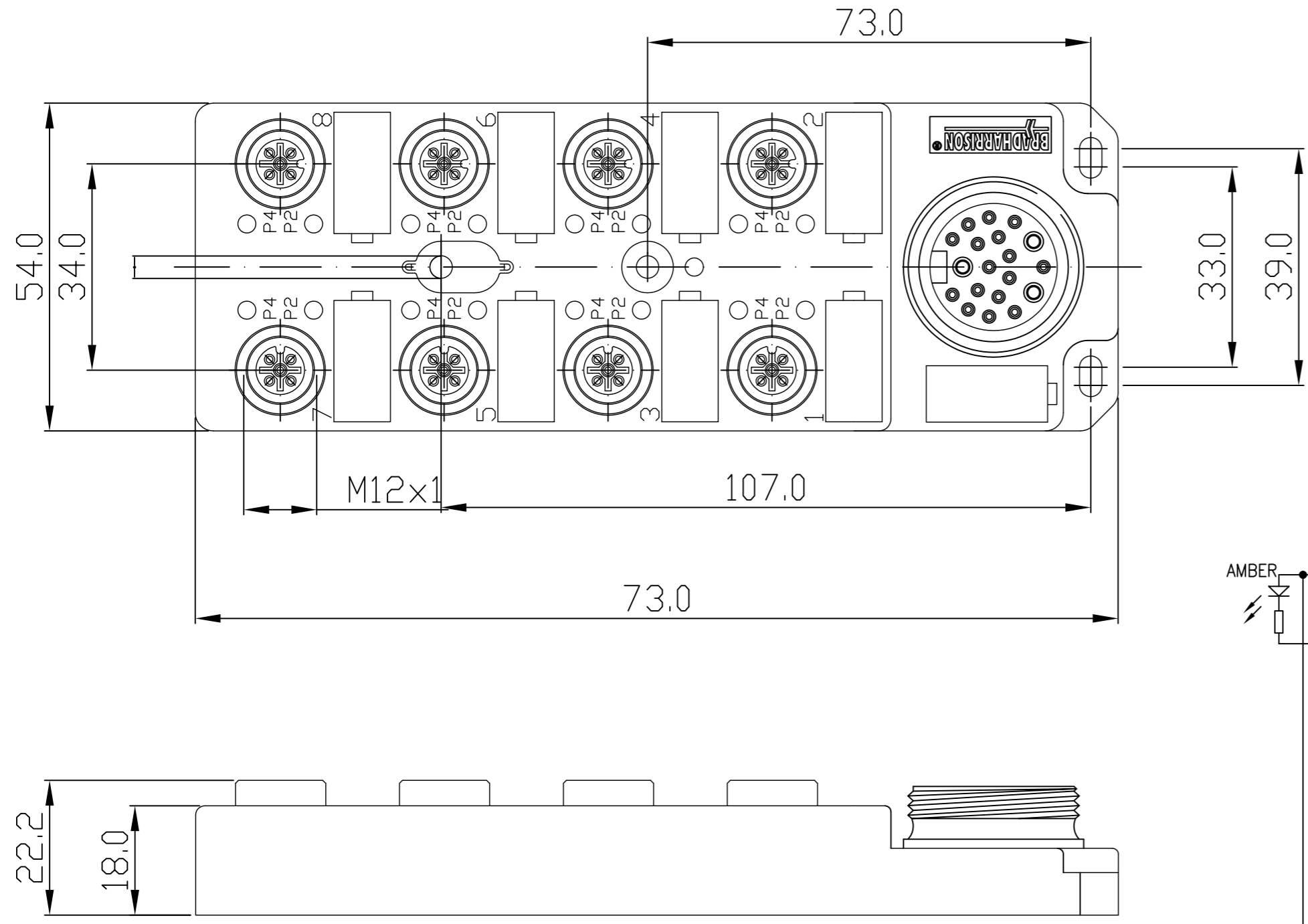
Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[120114Series](#)



MATERIAL NUMBER	OLD PART NUMBER
1201140083	BTY803P-FBB

VOLTAGE RATING	10-30 VDC
AMPERAGE RATING PER PORT	4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-25°C TO +90°C
UL CERTIFICATIONS	UL RECOGNIZED, FILE NO. E46237
CSA CERTIFICATIONS	CSA CERTIFIED, FILE NO. LR6837

ITEM	COMPONENT	MATERIAL	FINISH
1	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
2	O-RING	VITON	RED
3	RECEPTACLE SHELL	BRASS	NICKEL PLATED
4	HOUSING	PBT	YELLOW
5	LABEL	ABS	WHITE
6	LENS	NYLON	CLEAR

DESCRIPTION EC NO: WEU2010-0452 DRWN: BBRAUCH 2010/03/19 CHKD: FP APPR: FPACHER 2010/03/24	QUALITY SYMBOLS ▽ = 0 ∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY BBRAUCH	DATE 2010/03/19	MICRO-CHANGE MPIS TOP MOUNT 8PORT PNP -CONNECT			
4 PLACES ±---	±---	CHECKED BY FP	DATE 2010/03/19	MOLEX INCORPORATED					
3 PLACES ±---	±---	APPROVED BY FPACHER	DATE 2010/03/23					SD-120114-075	
2 PLACES ±---	±.01	MATERIAL NO.	DOCUMENT NO.	SHEET NO. 1 OF 1					
1 PLACE ±0.3	±---	see table						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
ANGULAR ± --- °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2					