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Part Number: [1201140081](#)
Status: **Active**
Overview: [microchange m12 connectors](#)
Description: Micro-Change® Molded Junction Box, Top Mount, 8 Ports, LEDs for PNP sensors, with Mini-Change® Connector on PUR Cable, 5.0m (16.40')

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 Straight
 Cable Length 0.305m (1.0')
 Home Run Cable Length 0.305m (1.0')
 Home Run Connector Mini-Change® - 12 pole
 Home Run Interface Integrated Connector
 Keyway Single
 LED Indicator Yes
 Material - Cable Jacket PUR
 Material - Housing PBT
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Orientation Top Mount
 Poles 5
 Poles (wired) 4
 Ports 8
 Temperature Range - Operating -5°C to +90°C
 Wiring Configuration Single 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 BTY802P-FBP

Reference - Drawing Numbers

Sales Drawing SD-120114-082

EU RoHS **China RoHS**

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

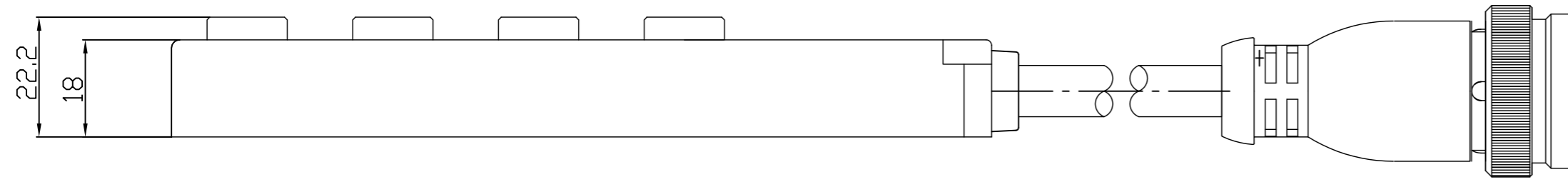
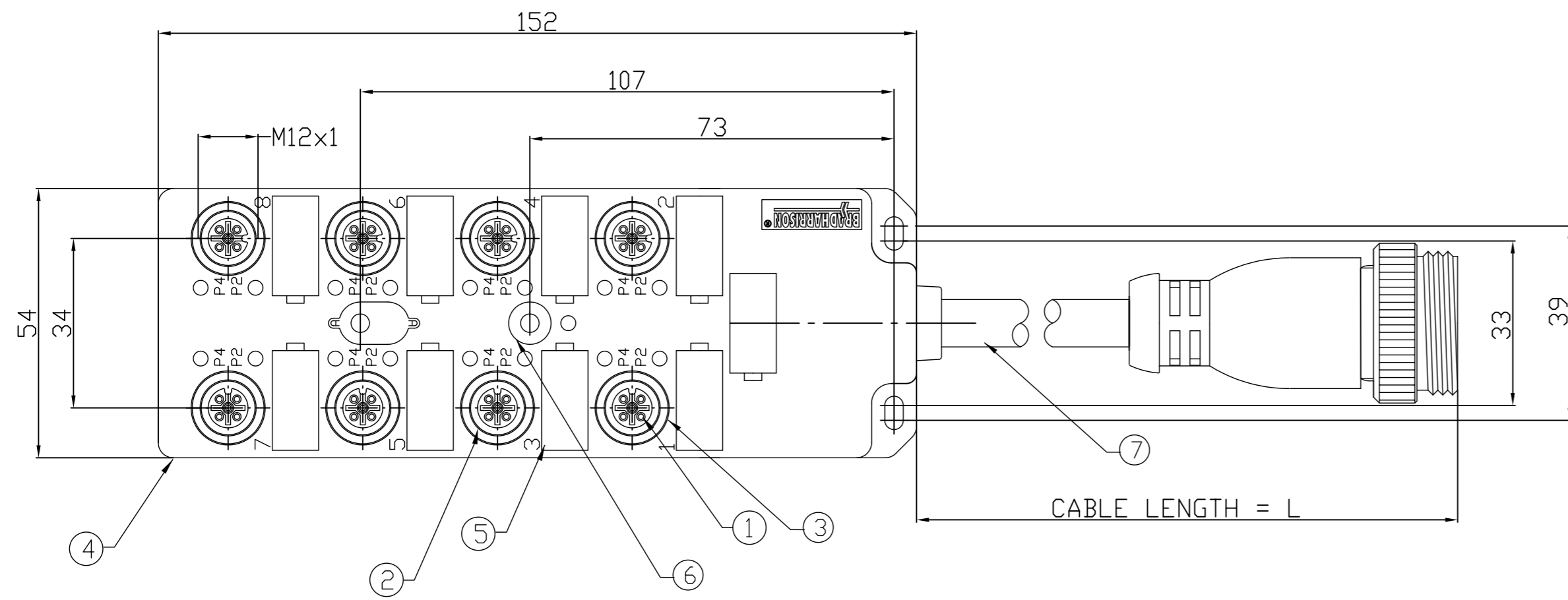
Need more information on product environmental compliance?

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

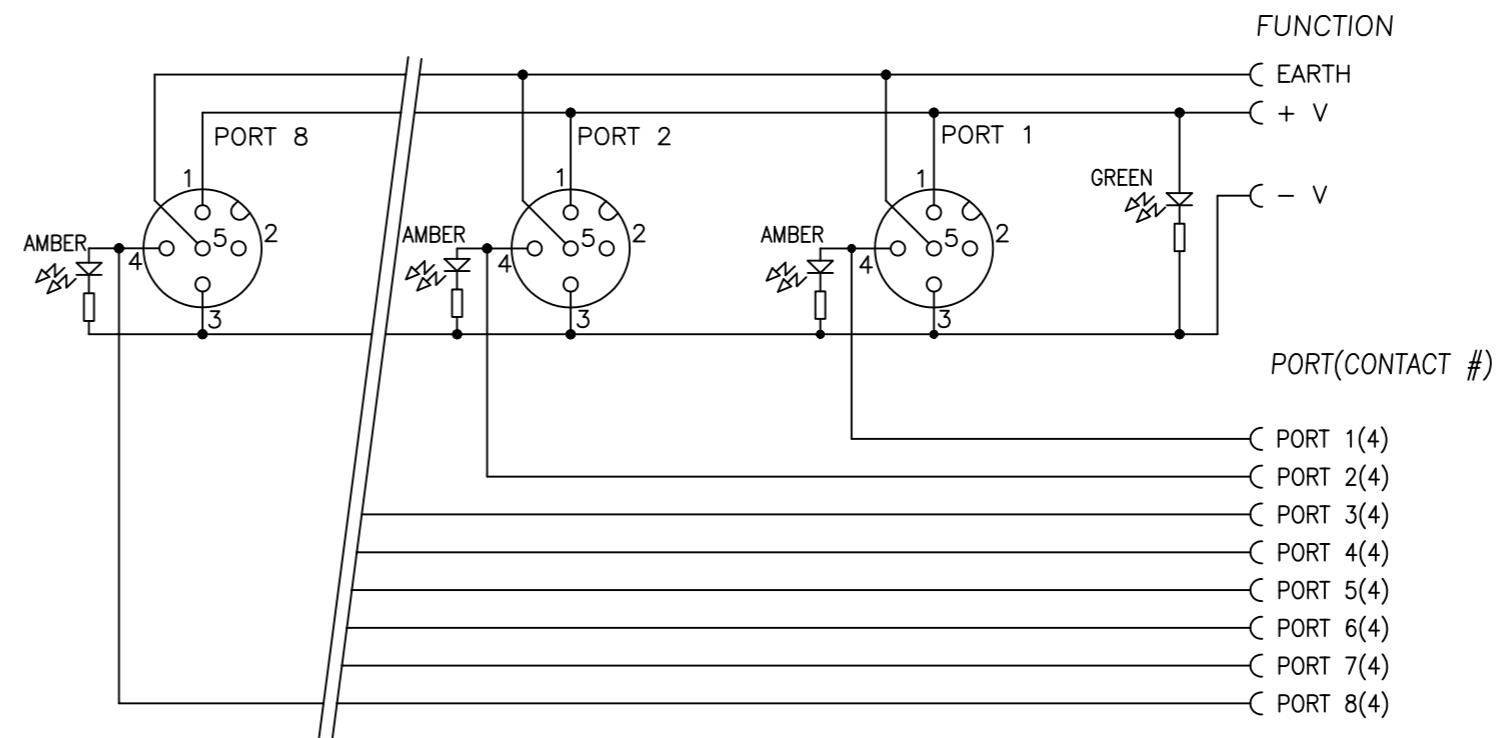
[120114Series](#)



MATERIAL NUMBER	OLD PART NUMBER	FINISHED LENGTH
1201140081	BTY802P-FBP-003	0.3M ± 10

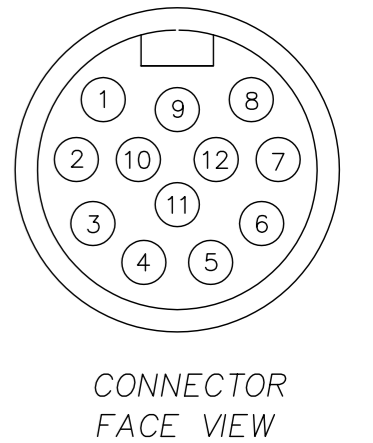
VOLTAGE RATING	10-30 VDC
AMPERAGE RATING PER PORT	4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-5°C TO 80°C
UL CERTIFICATIONS	UL RECOGNIZED, FILE NO. E46237
CSA CERTIFICATIONS	CSA CERTIFIED, FILE NO. LR6837

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
7	CABLE	PUR	-



- Wire Colour
- Green / Yellow (PIN 9)
 - Brown (PIN 10)
 - Blue (PIN 11)

- Wire Colour
- White (PIN 1)
 - Green (PIN 2)
 - Yellow (PIN 3)
 - Grey (PIN 4)
 - Pink (PIN 5)
 - Red (PIN 6)
 - Black (PIN 7)
 - Violet (PIN 8)



DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm	INCH	MM ONLY	MM ONLY			
EC NO: WEU2010-0451 DRWN: LSTEMMLE 2010/03/22 CHKD: NSTAUDIG APPR: FPACHER 2010/03/23 1 REV	▼ = 0 ▽ = 0	4 PLACES ±---	±---	DRAWN BY	DATE	1:1	METRIC	
		3 PLACES ±---	±---	LSTEMMLE	2010/03/22			
		2 PLACES ±---	±.01	CHECKED BY	DATE			
		1 PLACE ±0.3	±---	FP	2010/03/23			
		ANGULAR ± --- °		APPROVED BY	DATE			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		FPACHER	2010/03/23	MOLEX INCORPORATED		SHEET NO.
				MATERIAL NO.		DOCUMENT NO.		1 OF 1
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		