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Part Number: [1201140187](#)
Status: **Active**
Overview: [microchange_m12_connectors](#)
Description: Micro-Change® Molded Junction Box, Top Mount, 4 Ports, LEDs for PNP sensors, 2(IO) per port, with Molded 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 5.0m (16.40')
 Home Run Cable Length 5.0m (16.40')
 Home Run Connector N/A
 Home Run Interface Pigtail
 Keyway Single
 LED Indicator Yes
 Material - Cable Jacket PVC
 Material - Housing PBT
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Orientation Top Mount
 Poles 5
 Poles (wired) 5
 Ports 4
 Temperature Range - Operating -20°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 BTY405P-FBE-05

Reference - Drawing Numbers

Sales Drawing SD-120114-086

EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



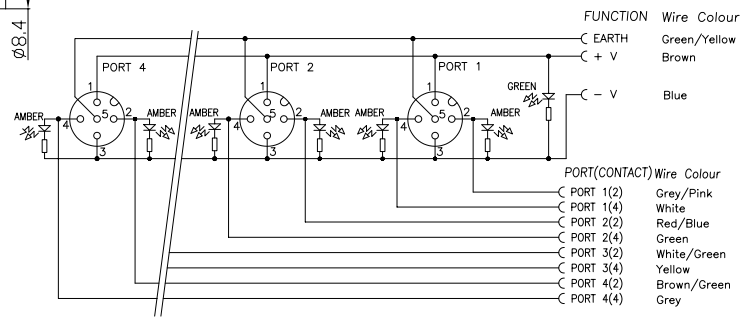
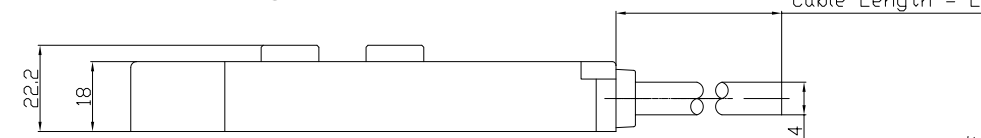
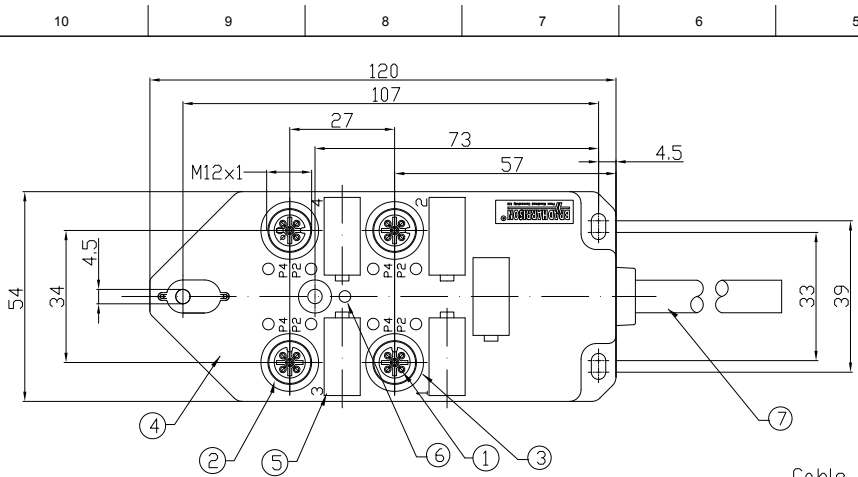
Need more information on product environmental compliance?

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](#)

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MATERIAL NUMBER	OLD PART NUMBER	FINISHED LENGTH
1201140187	BTY405P-FBE-05	5M ± 25

VOLTAGE RATING	10-30 VDC
AMPERAGE RATING PER PORT	4 A PER PORT, 12 AMPS MAX.
PROTECTION	IP67
OPERATING TEMPERATURE	-5°C TO 70°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	-

DESCRIPTION EC NO. WEI/2010/0451 DRAWN: LSTEMMLE 2010/03/22 CHK'D: NS APPR: FPACHER 2010/03/23 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽ = 0	mm INCH	MM ONLY	1:1	METRIC	
	∇ = 0	4 PLACES ±--- ±---	DRAWN BY DATE			
		3 PLACES ±--- ±---	LSTEMMLE 2010/03/22			
	2 PLACES ±--- ±---	CHECKED BY DATE				MICRO-CHANGE MPIS 4 PORT PNP TWIN PORT 5P 11 CORE 3/75+8/34 CABLE
	1 PLACE ±0.3 ±---	FP 2010/03/23				
	ANGULAR ± --- °	APPROVED BY DATE				MOLEX INCORPORATED DOCUMENT NO. SD-120114-086 SHEET NO. 1 OF 1
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	FPACHER 2010/03/23				
		MATERIAL NO.	SEE TABLE			
		SIZE	A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		