

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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**



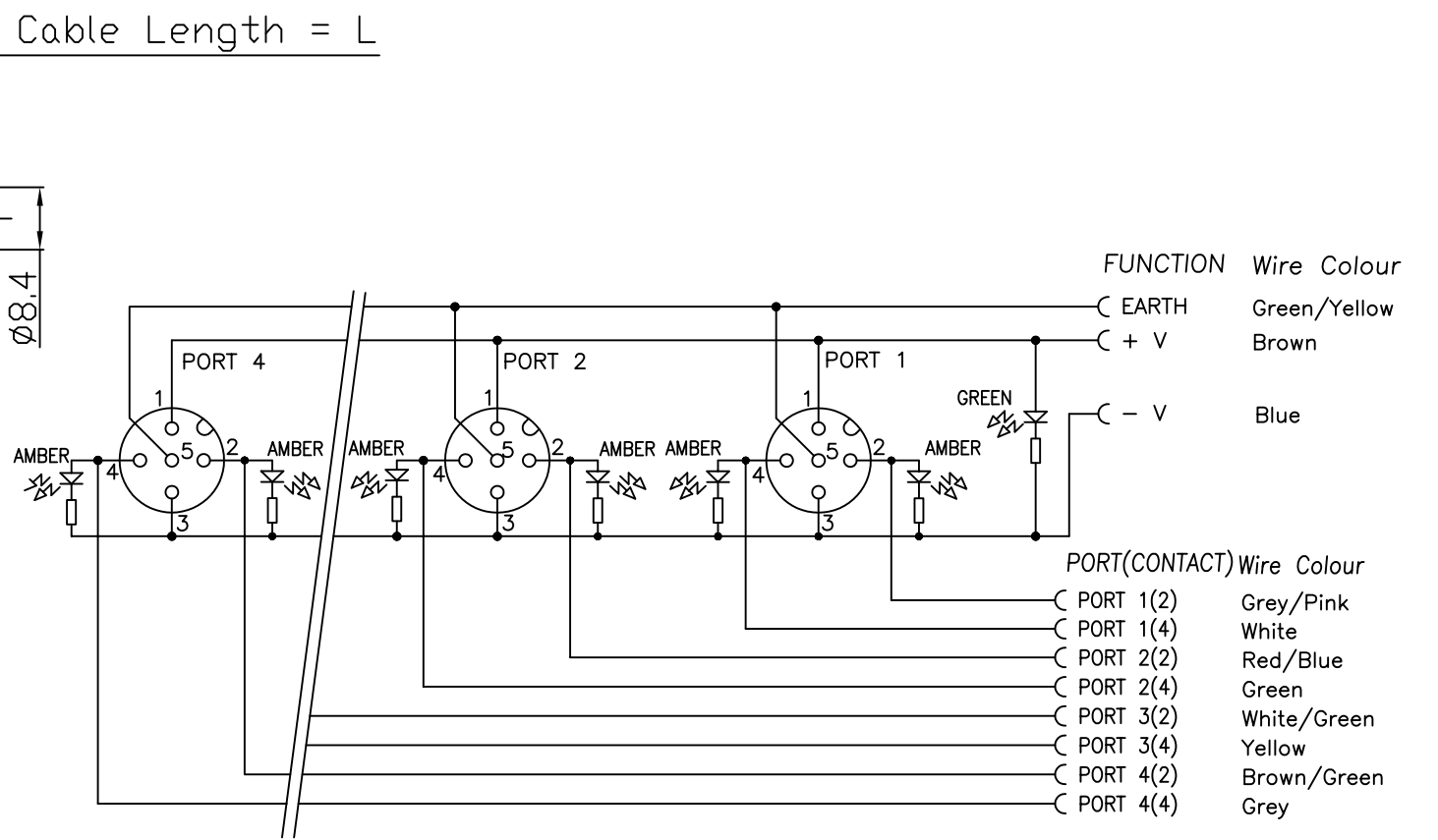
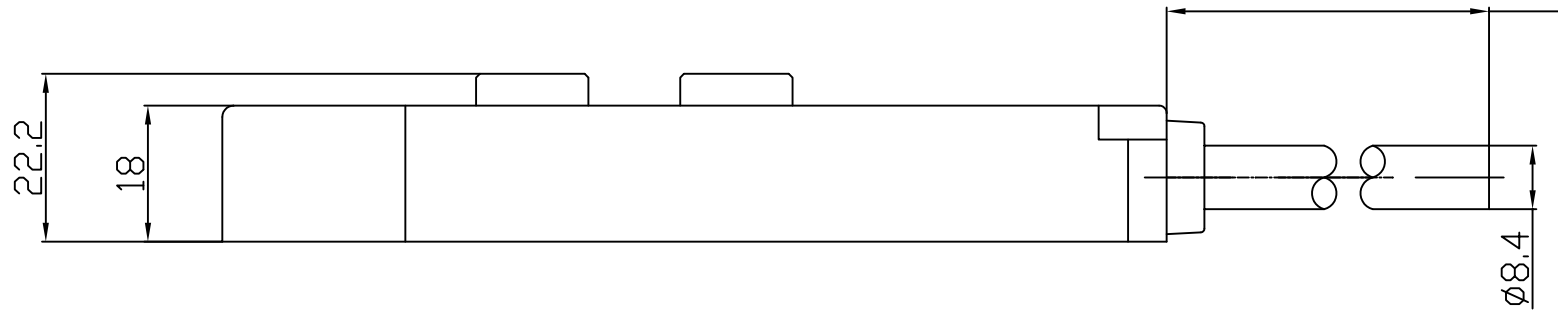
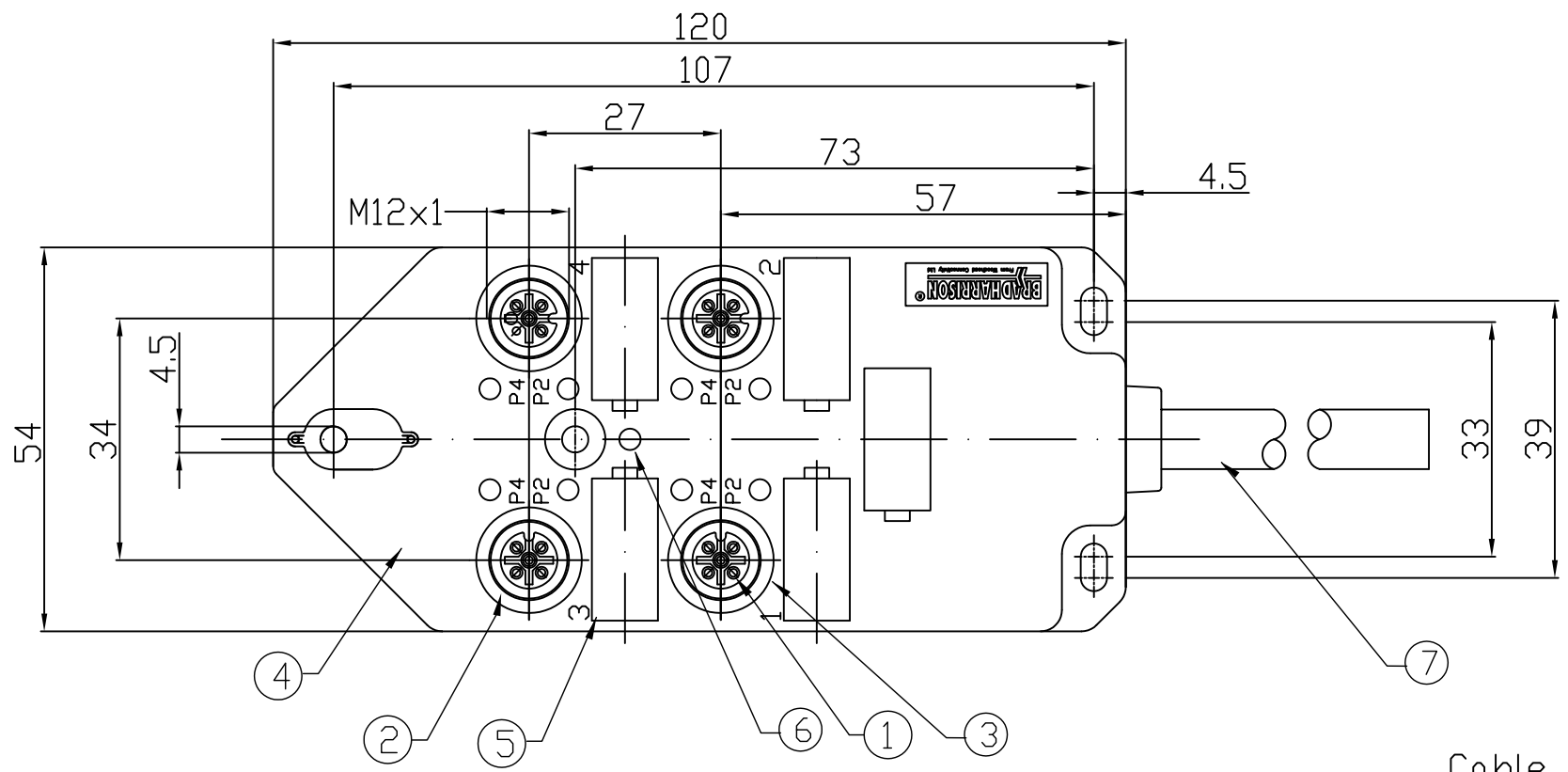
**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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
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: WEU2010-0451 DRWN: LSTEMMLE 2010/03/22 CHKD: NS APPR: FPACHER 2010/03/23	QUALITY SYMBOLS ▽ = 0 ∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY LSTEMMLE	DATE 2010/03/22	<b>MICRO-CHANGE MPIS            4 PORT PNP TWIN PORT 5P            11 CORE 3/75+8/34 CABLE</b>		
		4 PLACES ±---	±---	CHECKED BY FP	DATE 2010/03/23			
		3 PLACES ±---	±---	APPROVED BY FPACHER		DATE 2010/03/23	<b>MOLEX INCORPORATED</b>	
2 PLACES ±---	±.01	MATERIAL NO.		DOCUMENT NO.	SHEET NO.			
1 PLACE ±0.3	±---	<b>DRAFT WHERE APPLICABLE            MUST REMAIN            WITHIN DIMENSIONS</b>		<b>SEE TABLE</b>		SD-120114-086	1 OF 1	
<b>1</b>		SIZE <b>A3</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				