

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

**Part Number:** [1201140030](#)  
**Status:** **Active**  
**Overview:** [microchange m12 connectors](#)  
**Description:** Micro-Change® Molded Junction Box, Top Mount, 4 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 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 BTY403P-FBB

**Reference - Drawing Numbers**

Sales Drawing SD-120114-017

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

**China RoHS**



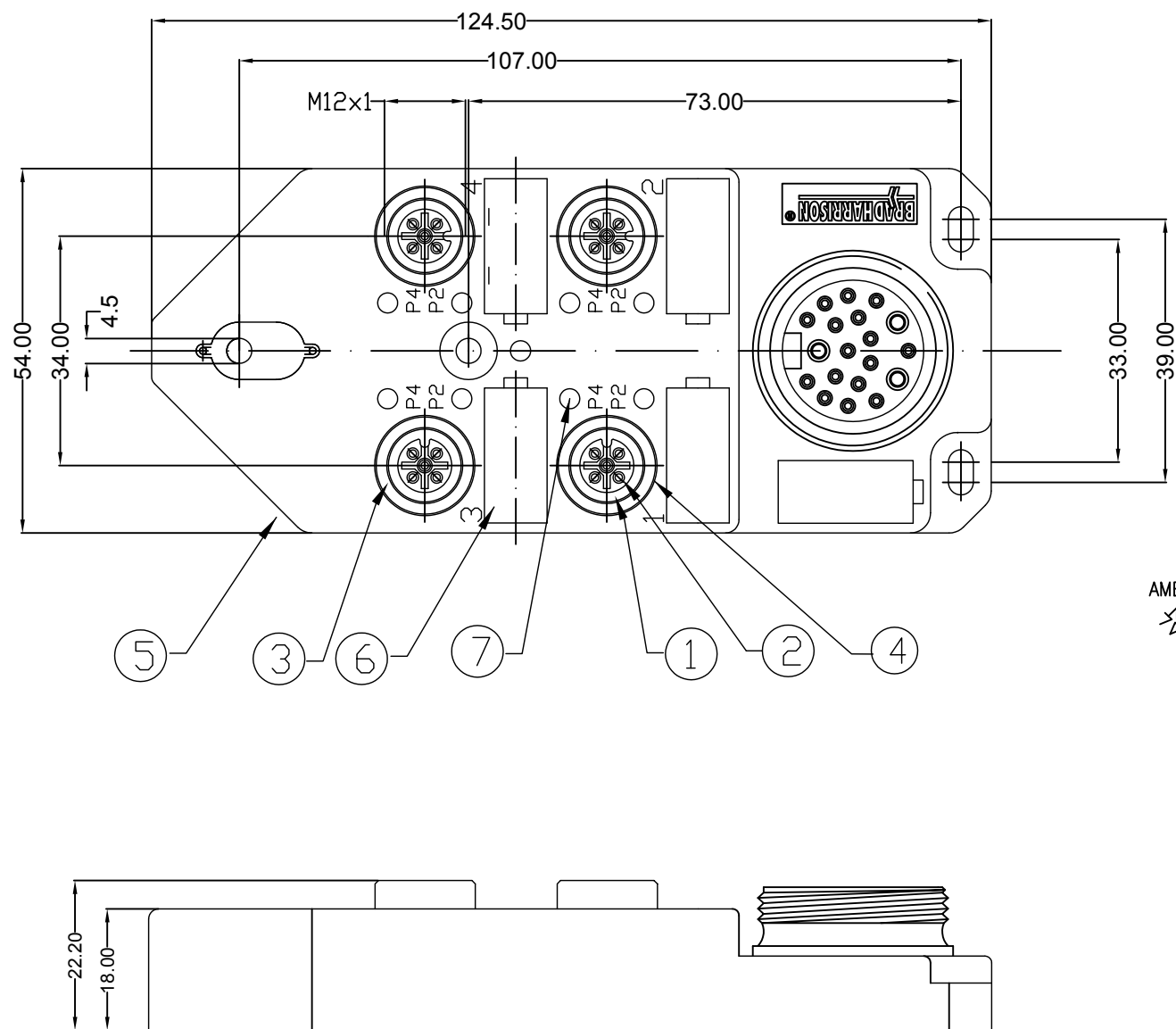
**Need more information on product environmental compliance?**

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

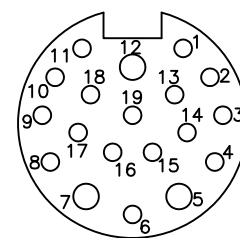
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[120114Series](#)

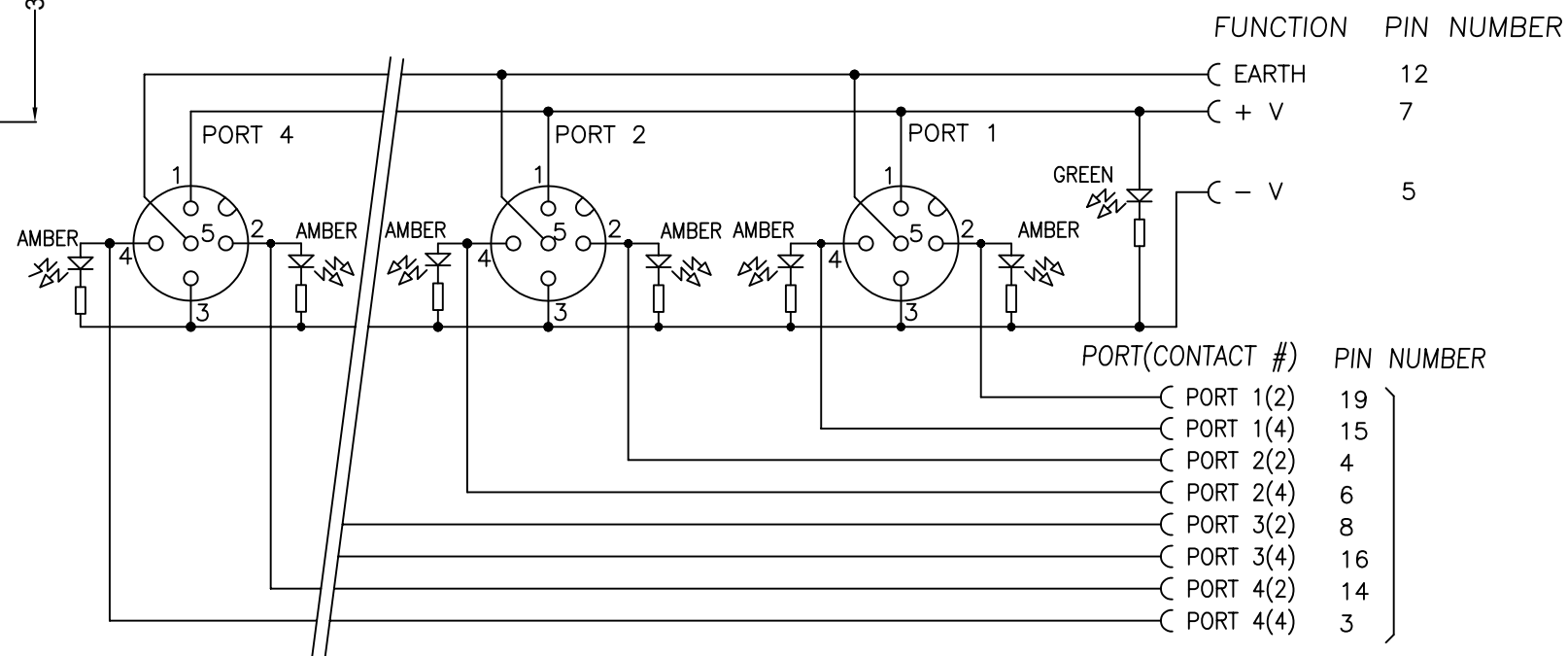
PORT) MICRO WITH 5 POLE (5 WIRE) RECEPTACLES - 19 POLE HARD SHELL CONNECTOR



FACE VIEW OF END RECEPTACLE



NOTE  
PINS 1,2,9,10,11,13,17,18 NOT USED



MATERIAL NUMBER	OLD PART NUMBER	FINISHED LENGTH	CABLE JACKET MATERIAL
1201140030	BTY403P-FBB	-	-

VOLTAGE RATING	10-30 VDC
AMPERAGE RATING PER PORT	4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 90°C
UL CERTIFICATIONS	UL RECOGNIZED, FILE NO. E46237
CSA CERTIFICATIONS	CSA CERTIFIED, FILE NO. LR6837

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

DESCRIPTION EC NO: WEU2010-0423 DRWN: LSTEMMLE 2010/03/08 CHKD: NSTAUDIG APPR: NSTAUDIG 2010/03/16	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$ $\nabla C = 0$	mm	INCH	MM ONLY	2:1	METRIC	
		4 PLACES	±---	±---	DRAWN BY	DATE	<b>MICRO-CHANGE MPIS                      4 PORT PNP TOP MOUNT                      MINI-CHANGE</b>
	3 PLACES	±---	±---	LSTEMMLE	2010/03/08		
	2 PLACES	±---	±.01	CHECKED BY	DATE		
	1 PLACE	±0.3	±---	FP	2010/03/09		
	ANGULAR ± --- °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY	DATE		
				NSTAUDIG	2010/03/15		
				MATERIAL NO.	SEE TABLE	DOCUMENT NO.	SHEET NO.
				SIZE	A3	SD-120114-017	1 OF 1
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			