

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1201135063

Status:

Active

Overview:

[nanochange_40m841_products](#)

Description:

Nano-Change® Molded Junction Box, Top Mount with Molded Cable, 90° Angle, 4 Ports, 5.0m (16.40') Cable

Documents:

[Drawing \(PDF\)](#)

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

General

Product Family

Passive Distribution Boxes

Series

120113

IP Rating

IP67

NEMA Rating

NEMA 6

Overview

[nanochange_40m841_products](#)

Product Name

Nano-Change® (M8)

Physical

Bus I/O

Nano-Change® (M8)

Cable Connector Orientation

90° Angle

Cable Length

5.0m (16.40')

Home Run Cable Length

N/A

Home Run Connector

N/A

Home Run Interface

N/A

Keyway

None

LED Indicator

No

Material - Cable Jacket

PUR

Material - Housing

PBT

Material - Metal

Copper Alloy

Material - Plating Mating

Gold over Nickel

Orientation

Top Mount

Poles

3

Poles (wired)

3

Ports

4

Temperature Range - Operating

-25°C to +90°C

Wiring Configuration

Single I/O per Port

Electrical

Current - Maximum per Contact

2A per port

Functional Wiring

Parallel

Voltage - Maximum

10-30V DC

Material Info

Old Part Number

BNY401P-FBM-05

Reference - Drawing Numbers

Sales Drawing

SD-120113-021

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

50

Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

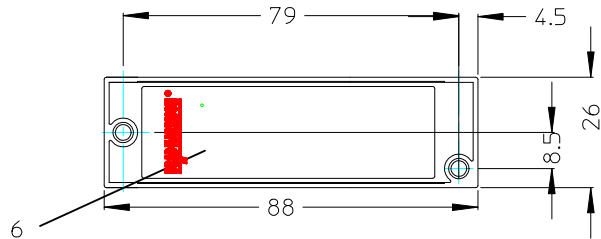
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

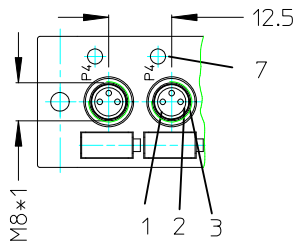
120113Series

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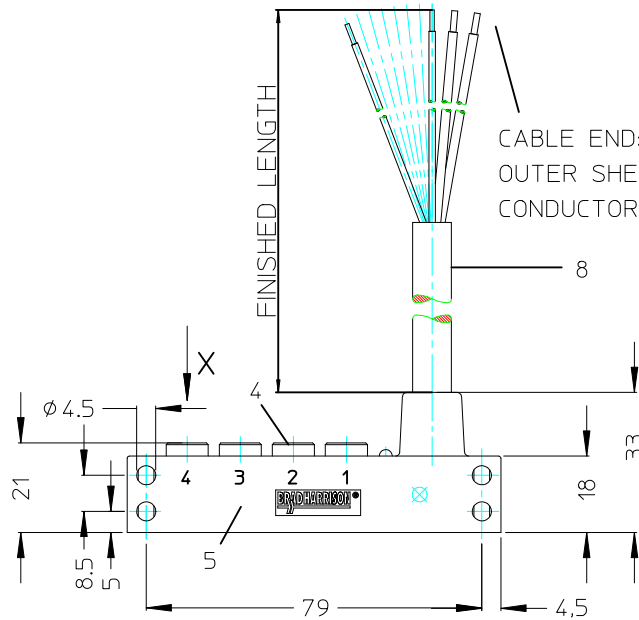
SAP-NUMBER	OLD PART NUMBER	FINISHED LENGTH
1201135063	BNY401P-FBM-05	5000
1201130024	BNY401P-FBM-10	10000



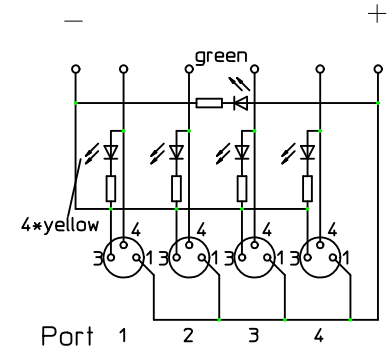
Ansicht X



FINISHED LENGTH



CABLE END:
OUTER SHEATH STRIPPED 100 mm
CONDUCTOR STRIP 5 mm



Contact configuration	wire colour	+	wire mm ²	Port	M8 connector Contact-No.
M8 connector 	brown	(+)	0.75	1-4	1
	blue	(-)	0.75	1-4	3
	white		0.34	1	4
	green		0.34	2	4
	yellow		0.34	3	4
	grey		0.34	4	4

VOLTAGE RATING	10 - 30 VDC
AMPERAGE RATING PER PORT	2 A MAX./PORT 6 A MAX. TOTAL
PROTECTION	IP 67
OPERATING TEMPERATURE	-25°C / +90 °C

SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE	M8-MPIS 4 PORT CABLE 90 DEGREE 3 POL OUTLINE	
DOCUMENT NO.	SD-120113-021	
SHEET NO.	1 OF 1	

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	PUR	BLACK
2	CONTAC SOCKET	BRASS	GOLD OVER NICKEL
3	O-RING	VITON	---
4	RECEPTACLE SHELL	BRASS	NICKEL PLATED
5	HOUSING	PBT	YELLOW
6	LABEL	ABS	WHITE
7	LENS	PA	CLEAR
8	CABLE	PUR/PVC	---

NEW RELEASE EC NO: WEU2010-0248 DRWN:SBH 2010/01/08 CHKD:APOHL WEU 2010/01/08 APPR:NSTAUDIGEL 2010/01/29	QUALITY SYMBOLS ▽=0 C=0
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GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm
4 PLACES	± ---
3 PLACES	± ---
2 PLACES	± ---
1 PLACE	± 0.3
ANGULAR	± ---°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
SBH	2010/01/08
CHECKED BY	DATE
APOHL WEU	2010/01/08
APPROVED BY	DATE
NSTAUDIGEL	2010/01/29
MATERIAL NO.	
SIZE	SEE TABLE
A3	