

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



Need more information on product environmental compliance?

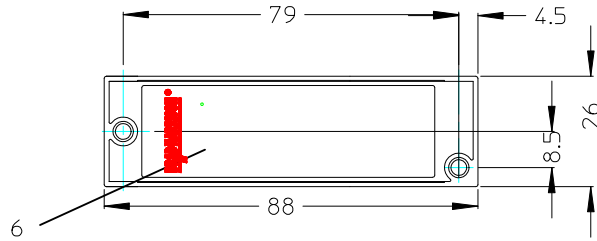
Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

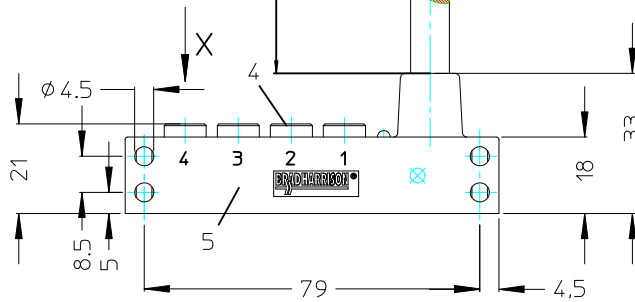
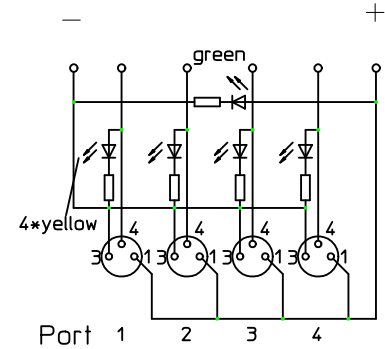
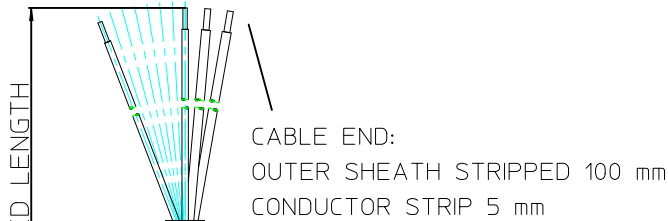
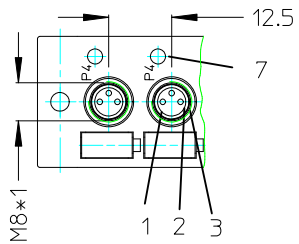
Search Parts in this Series

[120113Series](#)

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



Ansicht X



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

CLOSURE CAP

SAP no. 1203080677
Quantity 2

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

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	$\nabla=0$ $\triangleleft=0$
	DESCRIPTION	
	REV	

	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
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.	
SEE TABLE	
SIZE	
A3	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	METRIC	
TITLE		
M8-MPIS 4 PORT CABLE 90 DEGREE 3 POL OUTLINE		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-120113-021	1 OF 1	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		