

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1200905072

Status:

Active

Overview:

[nanochange_40m841_products](#)

Description:

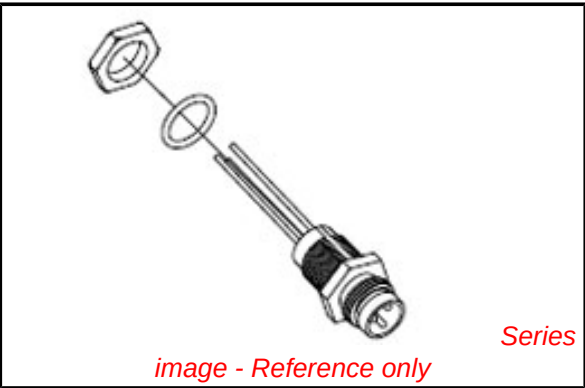
Nano-Change® (M8) Receptacle, M8 x 1.0 Mounting Threads, Straight Male, Male with Back Mounting Pins, with 3 Poles on Mating Side

Documents:

[Drawing \(PDF\)](#)

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

General	
Product Family	Industrial Receptacles
Series	120090
IP Rating	IP67
NEMA Rating	NEMA 6
Overview	nanochange_40m841_products
Product Name	Nano-Change® (M8)
Type	Bulkhead Feed-Through
Physical	
Coupling Type	External Thread
Gender	Male
Keyway	None
Length	N/A
Material - Component	Nickel-plated Brass
Mounting Thread Size	M8 x 1.0
Orientation	Straight
Panel Mount	Back
Poles	3
Temperature Range - Operating	-25°C to +90°C
Wire Size AWG	N/A
Wire/Cable Type	N/A
Electrical	
Current - Maximum per Contact	4A
Voltage - Maximum	60V AC / 75V DC
Material Info	
Old Part Number	4R3F46000
Reference - Drawing Numbers	
Sales Drawing	SD-120090-005



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

120090Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

F

E

D

C

B

A

10

9

8

7

6

5

4

3

2

1

F

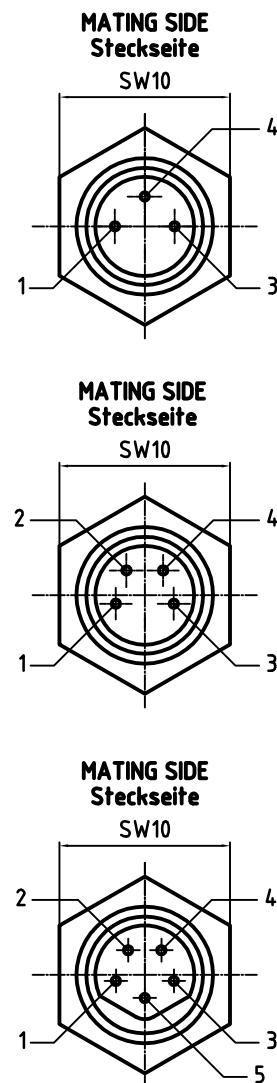
E

D

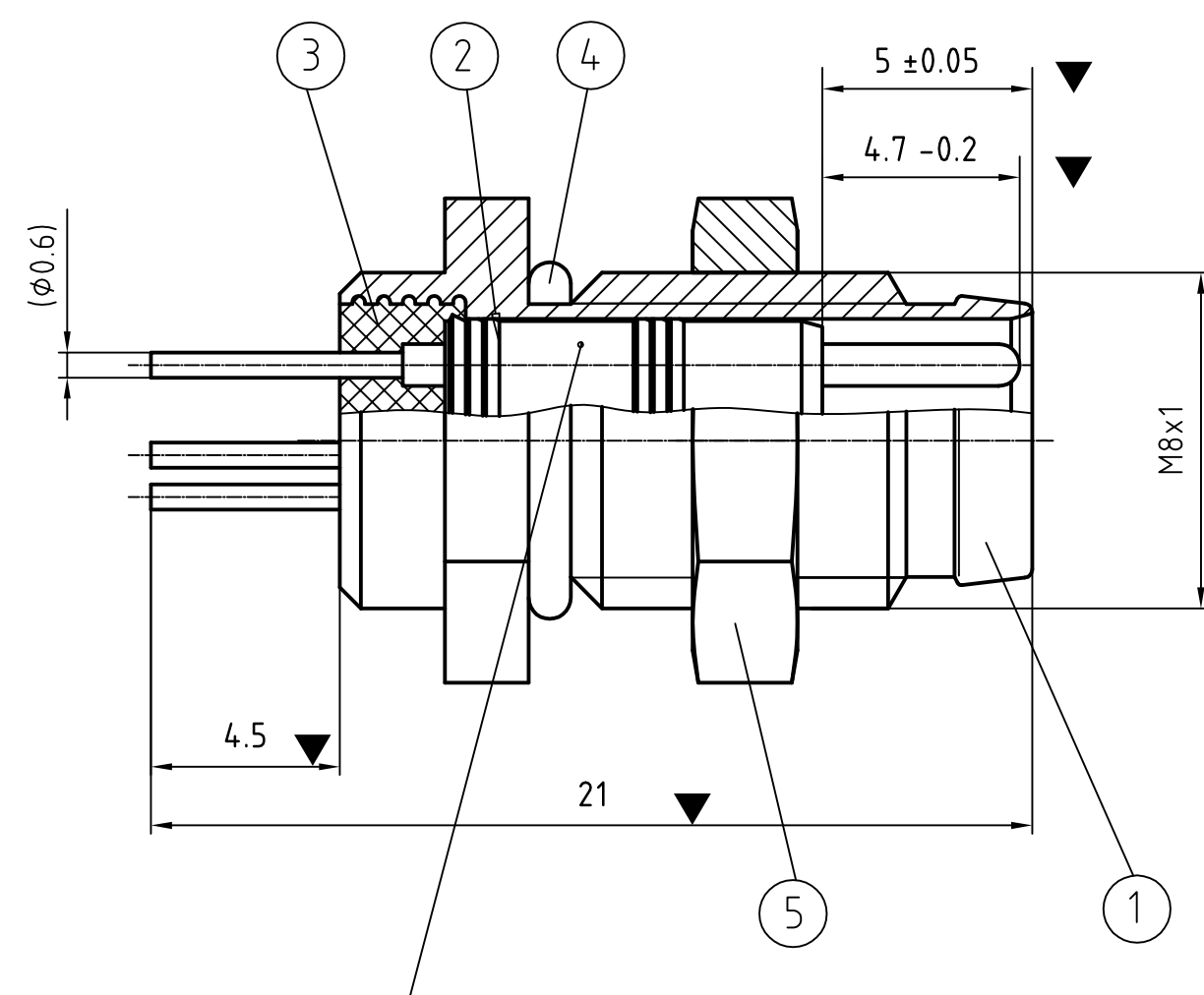
C

B

A



5P-VERSION AS SHOWN M 5:1
5P Version wie dargestellt M 5:1



ATTENTION: THE MALE INSERT (POS. 2) is pressed in
AGAINST 3- AND 4-POL VERSION NOT FROM
THE MATING SIDE; BUT FROM THE TERMINATION SIDE.

Achtung: Der Stifteinsatz (Pos.2) wird entgegen der
3- und 4-pol Version nicht von der Steckseite,
sondern von der Anschlußseite eingepreßt.

NOTES / Bemerkung:

1	CRIMP CONTACT Crimp Kontakt	WN-00003
2	CABLE LENGTH TOLERANCE Kabellängentoleranz	WN-00004
3	POTTING Verguss	ES-120000-019
4	PACKAGING FOR RECEPTACLE Verpackung für Gerätestecker	PK-120000-018
5	PIN-ASSIGNMENT Pin-Belegung	IEC 61076-2-104
6	WINDING SPECIFICATION Wickelvorschrift	ES-120000-020

SAP-NUMBER SAP-Nummer	OLD MATERIAL-NO. alte Artikel-Nr.	REPLACED Ersatz für
1200905072	4R3F46000	0908 036GM 05000
1200905077	4R4F46000	0908 046GM 05000
1200905080	4R5F46000	0908 056GM 05000

DESCRIPTION EC NO: WEU2009-0457 6/29/09 DRWN: BBRAUCH CH'KD: ----- APPR: JKOLB 2009/09/15	DESCRIPTION	QUALITY SYMBOLS ▽ = 4 ▽C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM		SCALE 2:1	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION					
				mm	INCH	DRAWN BY BB		DATE 2009/06/26	M8 MALE RECEPTACLES- BACK-PIN M8 GERAETEST. BACK-PIN						
			4 PLACES	±---	±---	CHECKED BY JKO		DATE 2009/08/05							
			3 PLACES	±---	±---	APPROVED BY FP		DATE 2009/08/05				 MOLEX INCORPORATED			
			2 PLACES	±0.05	±---	MATERIAL NO. see table		DOCUMENT NO. SD-120090-005			SHEET NO. 1 OF 1				
			1 PLACE	±0.1	±---	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
			ANGULAR ± ---- °												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															
1	REV														