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Part Number: [1210502177](#)
Status: **Active**
Overview: [mpm_connectors](#)
Description: SIN Form A voer mould with circuit

Documents:

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

General

Product Family	Field Attachable / Accessories
Series	121050
IP Rating	IP65
Overview	mpm_connectors
Product Name	mPm®
Type	Field Attachable Connector

Physical

Cable Diameter	N/A
Coupling Type	N/A
Diagnostics / LEDs	No
Diagnostics Port	No
Gender	N/A
Keyway	None
Material - Connector Body	N/A
Material - Contact	Brass
Material - Coupling Nut	N/A
Material - Plating Mating	Silver
Orientation	90° Angle
Poles	N/A
Temperature Range - Operating	-25°C to +75°C
Wire Size AWG	N/A

Electrical

Current - Maximum per Contact	5A
Voltage - Maximum	250V AC/DC

Material Info

Old Part Number	E452N2N30011C42
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Reference - Drawing Numbers

Sales Drawing	E452XXXXXXXXXXXX
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EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

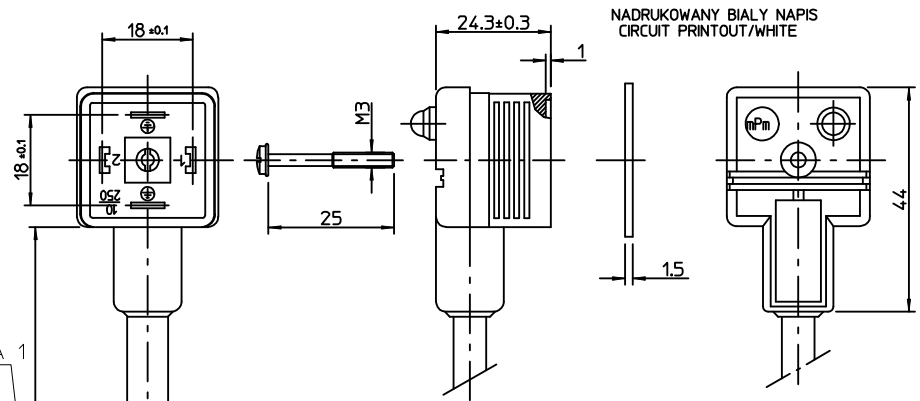


Need more information on product environmental compliance?

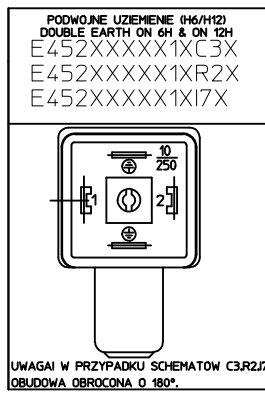
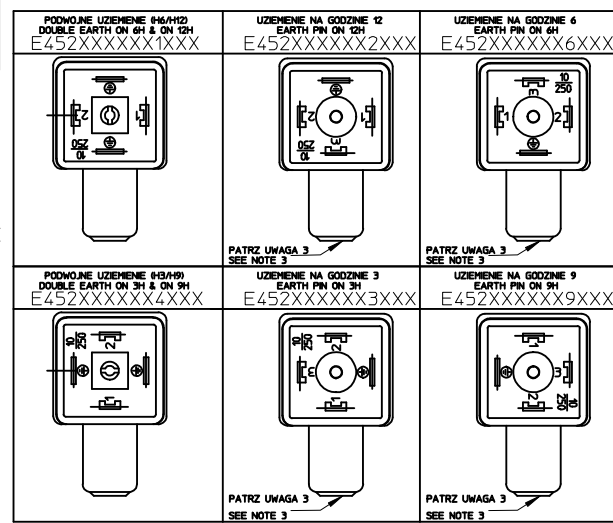
Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series
[121050Series](#)



PATRZ UWAGA 1
SEE NOTE 1



SCHEMATY POLACZEN/WIRING CONFIGURATION

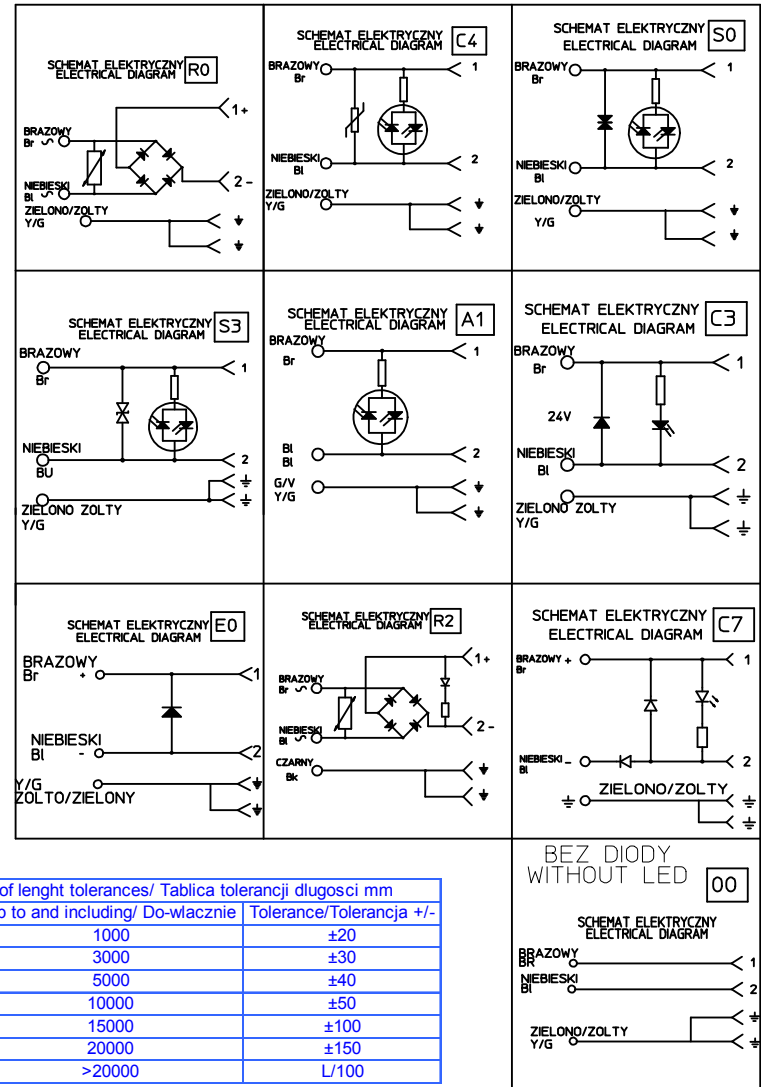


Table of lenght tolerances/ Tablica tolerancji dlugosci mm		
Over/Od	Up to and including/ Do-wlacznie	Tolerance/Tolerancja +/-
100	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
	>20000	L/100

UWAGI:
1. DLUGOSC PATRZ ARKUSZ 2.
2. DLA WIASEK Z UZIEMIENIEM TYLKO NA GODZINIE 3,6,9, lub 12
PIN 3 JEST WOLNY.

NOTES:
1. LENGHT SEE SHEET 2.
2. FOR HARNESS WITH GROUND ONLY IN 3H,6H,9H or12H
PIN 3 IS N/C.

<p>ORIGINAL RELEASE EC NO: WEUZ009-0394 DRWN: MWOLSCZAK 2009/05/26 CHKD: MDABROWSKA 2009/05/29 APPR: GOGRODNIK 2009/06/08</p>	<p>QUALITY SYMBOLS =0 =0</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ±---°</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	ANGULAR ±---°			<p>DIMENSION STYLE MM ONLY</p>	<p>SCALE 1:1</p>	<p>DESIGN UNITS METRIC</p>	<p>FIRST ANGLE PROJECTION</p>
		mm	INCH																					
	4 PLACES	± ---	± ---																					
	3 PLACES	± ---	± ---																					
2 PLACES	± ---	± ---																						
1 PLACE	± ---	± ---																						
ANGULAR ±---°																								
		<p>DRAWN BY MWOLSCZAK</p>	<p>DATE 2009/04/09</p>	<p>TITLE MPM E452XXXXXXXXXX</p>																				
		<p>CHECKED BY MDABROWSKA</p>	<p>DATE 2009/04/09</p>	<p>MOLEX MOLEX INCORPORATED</p>																				
		<p>APPROVED BY GOGRODNIK</p>	<p>DATE 2009/04/09</p>	<p>DOCUMENT NO. E452XXXXXXXXXX</p>	<p>SHEET NO. 1 OF 5</p>																			

10 9 8 7 6 5 4 3 2 1



E - Pakowanie bez workow
W - Pakowanie pojedynczo
Q - Szybkie pakowanie

ILOSC PRZEWODOW/NUMBER OF WIRES:

1=2 PRZEWODY,
2=2 PRZEWODY+UZIEMIENIE,
3=3 PRZEWODY+UZIEMIENIE.

TYP KABLA/CABLE TYPE

PATRZ TABELA 1/SEE TABLE 1

RODZAJ KABLA/CABLE CROSS SECTION AREA

PATRZ TABELA 2/SEE TABLE 2

KOLOR MOULDINGU/HEAD COLOUR:

G=SZARY/GREY,
N=CZARNY/BLACK,
T=PRZEZROCZYSTY/TRANSPARENT,
A=CZARNY/BLACK,
B=SZARY/GREY.

DLUGOSC KABLA W CM/CABLE LENGHT IN CM

NP:050=50 CM, 300=300 CM, 10K=1000 CM.

POLOZENIE PINU Z UZIEMIENIEM/EARTH PIN LOCATION:

1=PODWOJNE UZIEMIENIE NA GODZINIE 6 ORAZ 12/DOUBLE EARTH ON 6H AND 12H,
2=UZIEMIENIE NA GODZINIE 12/EARTH ON 12H,
6=UZIEMIENIE NA GODZINIE 6/EARTH ON 6H.

GASKET ORAZ SRUBY/GASKET SCREWS:

1=GASKET PROFILOWANY+SRUBA/NBR PROFILE GASKET+FIXING SCREWS,
2=NBR PLASKI GASKET+SRUBA/NBR FLAT GASKET+SCREW,
3=SILIKONOWY PROFILOWANY GASKET+SRUBA/SILICONE PROFILE GASKET+SCREW,
4=SILIKOWANY PLASKI GASKET+SRUBA/SILICON FLAT GASKET+SCREW,
P=ZINTEGROWANY GASKET+SRUBA/INTEGRATED GASKET+FIXING SCREW,
R=ZINTEGROWANY GASKET+SRUBA/INTAGRATED GASKET+SCREW,
T=PROFILOWANY GASKET+SRUBA, PROFILE GASKET+SCREW.

RODZAJ POLACZENIA/INTERNAL CIRCUIT

PATRZ SCHEMATY POLACZEN/WIREING CONFIGURATION

NAPIECIE ORAZ KOLOR DIODY/VOLTAGE AND LED COLOUR:

1= 12V	A= 12V	G= 12V
2= 24V	B= 24V	H= 24V
3= 48V	C= 48V	K= 48V
4= 115V	D= 115V	L= 115V
5= 230V	E= 230V	M= 230V

CZERWONA DIODA RED LED ZIELONA DIODA GREEN LED ZOLTA DIODA YELLOW LED

ORIGINAL RELEASE EC NO: WEU2009-0394 DRWIN: MWOLSZCZAK 2009/05/26 CHYKD: MDABROWSKA 2009/05/29 APPR: GOGRODNIK 2009/06/08	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	FIRST ANGLE PROJECTION
		▼=0 □=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	MM ONLY DRAWN BY DATE MWOLSZCZAK 2009/04/09 CHECKED BY DATE MDABROWSKA 2009/04/09 APPROVED BY DATE GOGRODNIK 2009/04/09 MATERIAL NO.	--- METRIC	□ ▢ TITLE MPM E452XXXXXXXXXXXX	
		SEE DRAWING	GOGRODNIK 2009/04/09 DOCUMENT NO. E452XXXXXXXXXXXX	MOLEX INCORPORATED SHEET NO. 2 OF 5			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

9 8 7 6 5 4 3 2 1