

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Reference - Drawing Numbers

Sales Drawing E452XXXXXXXXXXXX

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

China RoHS

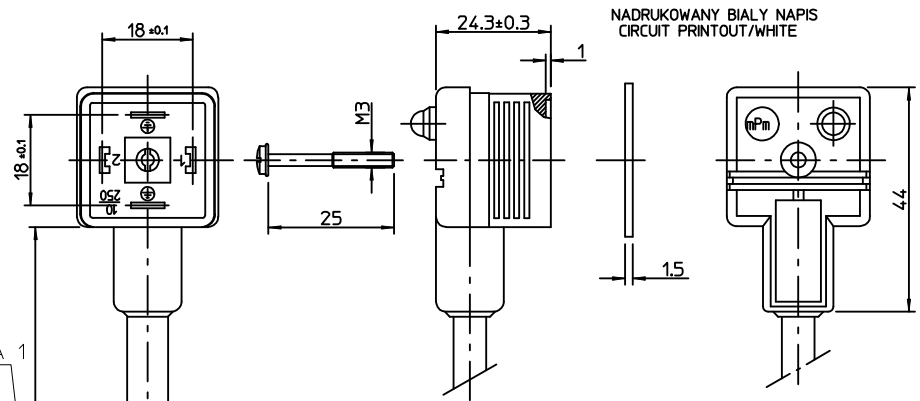


Need more information on product environmental compliance?

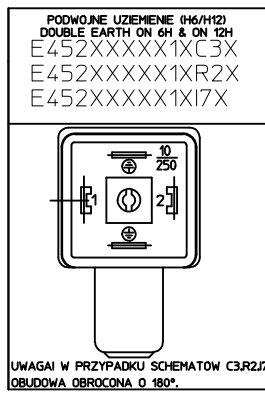
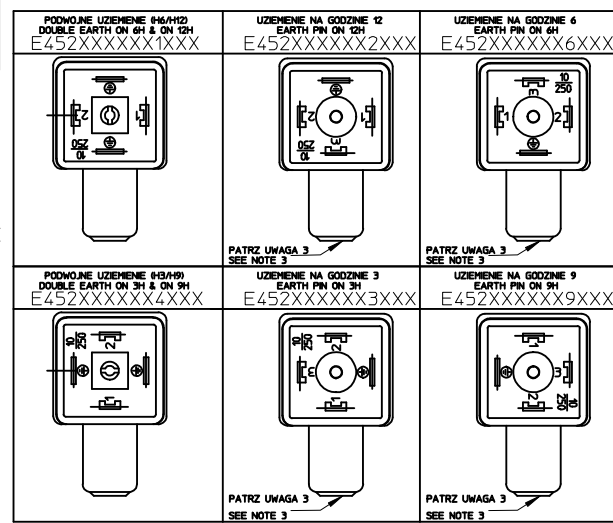
Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

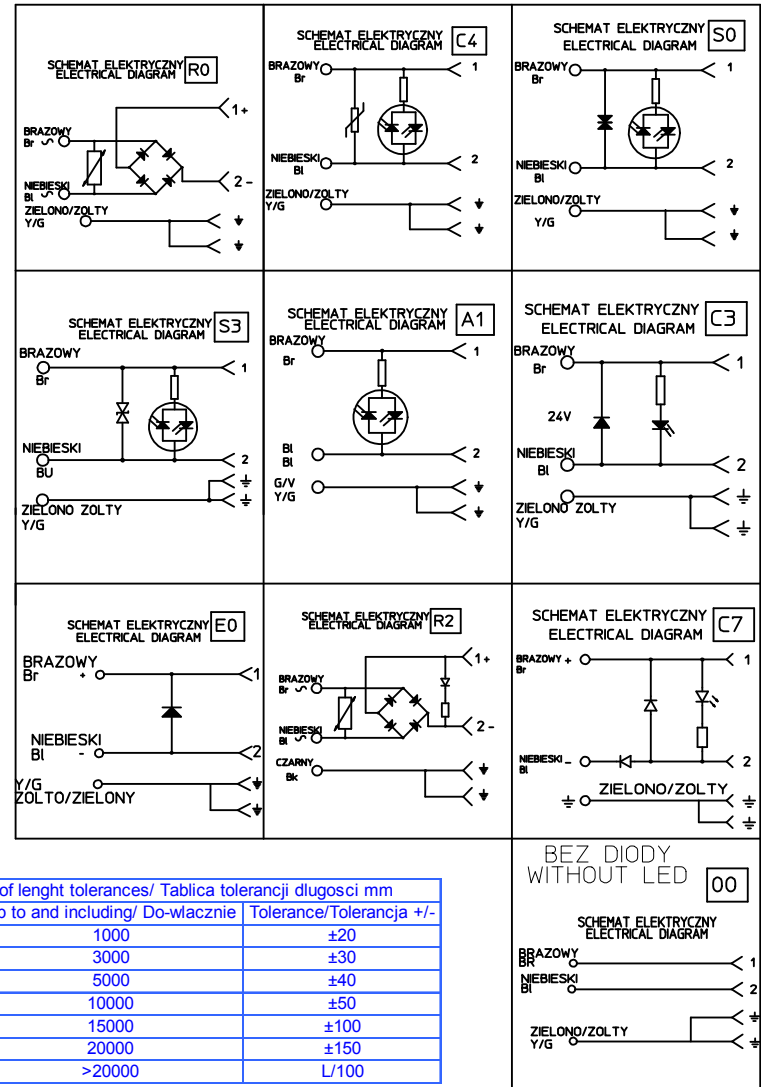


Table of lenght tolerances/ Tablica tolerancji dlugosci mm		
Over/Od	Up to and including/ Do-wlacznie	Tolerance/Tolerancja +/-
100	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
	>20000	L/100

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.

ORIGINAL RELEASE IEC NO: WEU2009-0394 DRWN: MWOLSCZAK 2009/05/26 CHYKD: MDABROWSKA 2009/05/29 APPR: GOGRODNIK 2009/06/08	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	DIMENSION STYLE MM ONLY DRAWN BY DATE MWOLSCZAK 2009/04/09 CHECKED BY DATE MDABROWSKA 2009/04/09 APPROVED BY DATE GOGRODNIK 2009/04/09 MATERIAL NO.	SCALE 1:1 DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE DRAWING	TITLE MPM E452XXXXXXXXXX	MOLEX MOLEX INCORPORATED	
			SHEET NO. 1 OF 5	DOCUMENT NO. E452XXXXXXXXXX		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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 DRWN: MWOLSZCZAK 2009/05/26 CHKD: MDABROWSKA 2009/05/29 APPR: GOGRODNIK 2009/06/08	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION
			mm INCH	DRAWN BY DATE	TITLE		
			4 PLACES ± --- ± ---	MWOLSZCZAK 2009/04/09	MPM E452XXXXXXXXXXXX		
			3 PLACES ± --- ± ---	CHECKED BY DATE			
	2 PLACES ± --- ± ---	MDABROWSKA 2009/04/09					
	1 PLACE ± --- ± ---	APPROVED BY DATE					
	ANGULAR ± ---°	GOGRODNIK 2009/04/09					
		MATERIAL NO.	SEE DRAWING		DOCUMENT NO. E452XXXXXXXXXXXX		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 2 OF 5		
			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