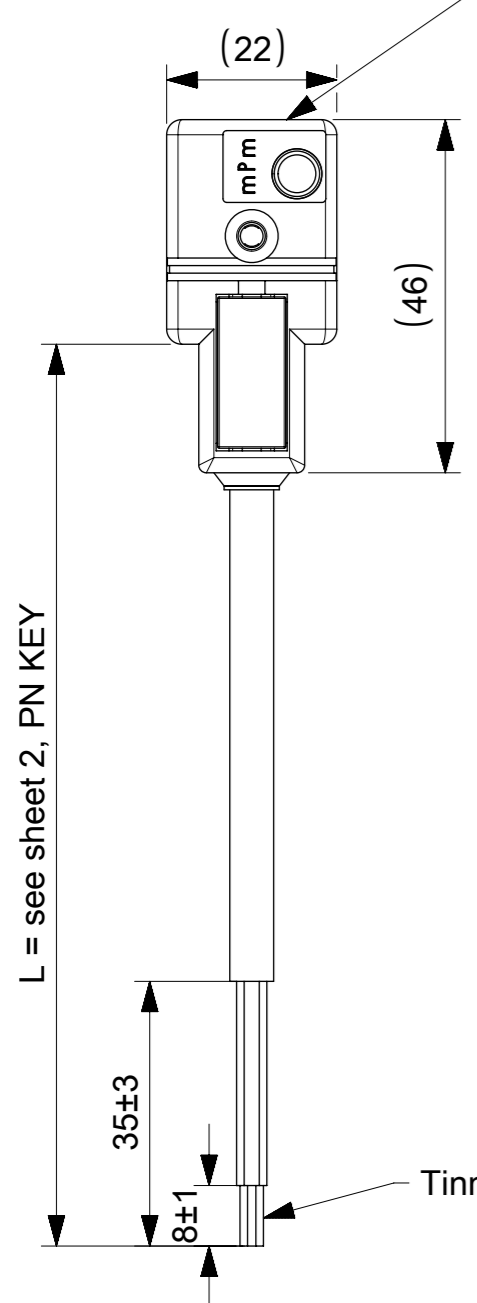
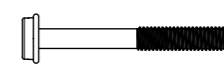


10 9 8 7 6 5 4 3 2 1

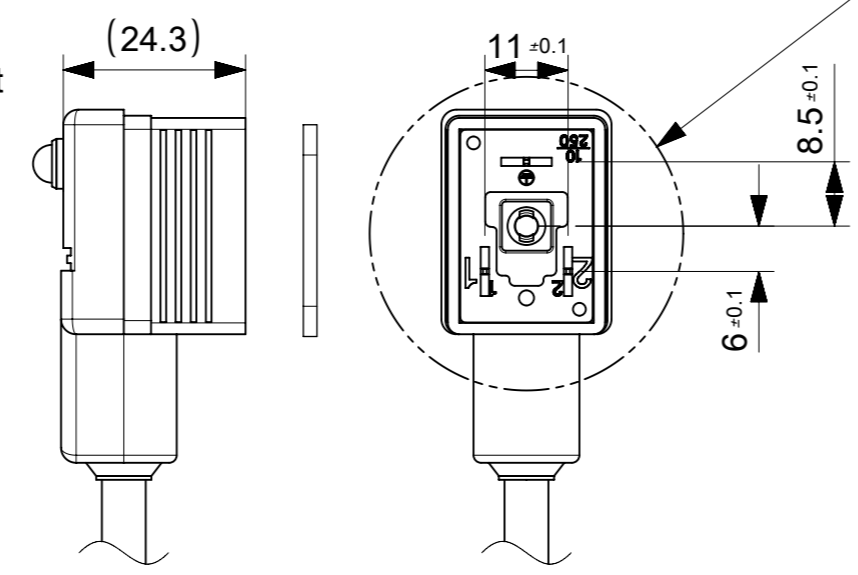
Circuit Tampoprint / White



Type of Screw and Gasket see sheet 2, PN KEY

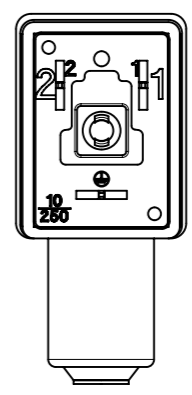


Face View (see Insert Orientation)



INSERT ORIENTATION

Earth H6  
E462XXXXXX6XXXX



Earth H12  
E462XXXXXX2XXXX

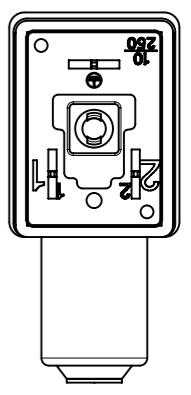


TABLE OF LENGTH TOLERANCES [mm]

Over	Up to and Including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

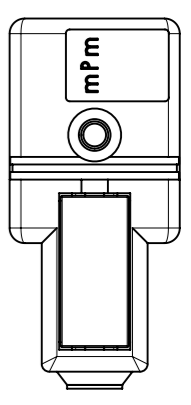
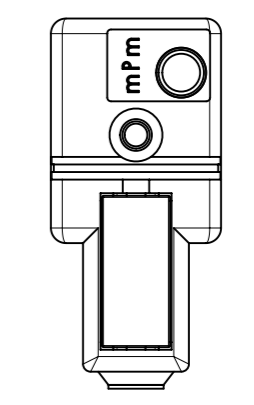
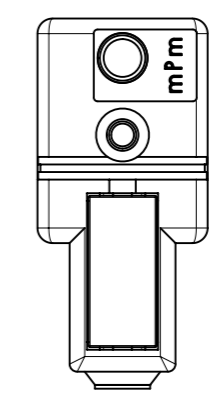
Tinned Ends

LED POSITION

EARTH H6

EARTH H12

NO LED



Type of Screws and Gaskets

Profiled Gasket	Flat Gasket	Integrated Gasket	Screw M3x25

<b>SYMBOLS</b> ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:					
	DIMENSION UNITS <b>mm</b>	SCALE <b>1:1</b>	EC NO: 603741 DRWN: APAWLAK01 2018/07/16 CHK'D: RSILLER 2018/08/31 APPR: RSILLER 2018/08/31			STANDARD E462 DIN FORM INDUSTRIAL		
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °		INITIAL REVISION: DRWN: APAWLAK01 2018/07/16 APPR: RSILLER 2018/08/31			PRODUCT CUSTOMER DRAWING		
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.1 0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DOCUMENT NUMBER <b>1210501000</b>	DOC TYPE PSD	DOC PART 000
		THIRD ANGLE PROJECTION	DRAWING <b>A3-SIZE</b>	SERIES <b>121050</b>	MATERIAL NUMBER SEE 1210501000_PDP	CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 3	

# PN KEY ENGINEERING PN

**E 4 6 2 X X X X X X X X X X X**

E - Packing without bag  
W - Single Packing

Number of wires:  
2 - 2 Wires + Earth

Cable type:  
See Table

Head Colour:  
G - Grey  
N - Black  
A - CSA-UL Black  
B - CSA-UL Grey

Cable Length in[cm]  
050 = 50cm  
300 = 300cm  
10K = 1000cm

Wiring Configuration:  
See sheet 3

Voltage and Led Colour


Red Led:	Green Led:	Yellow Led:
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

Earth PIN location (see insert orientation table):  
2 = Earth on H12  
6 = Earth on H6

Type of Gasket and Screw (see sheet 1):  
1 = NBR Profile Gasket + Fixing Screw M3x25mm  
2 = NBR Flat Gasket + Fixing Screw M3x25mm  
3 = Silicone Profile Gasket + Fixing Screw M3x25mm  
4 = Silicone Flat Gasket + Fixing Screw M3x25mm  
P = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm Assembled on Connector  
R = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm NOT Assembled on Connector  
T = NBR Profile Gasket + Fixing Screw with Washer M3x27mm

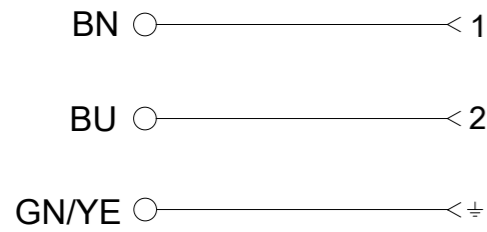
CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE O.D.	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	SHIELD
A2	3	AWG 20	5.6mm±0.2	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
A3	3	AWG 18	6.5mm±0.25	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
B2	3	AWG 20	5.6mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
B3	3	AWG 18	6.5mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
F4	3	1mm <sup>2</sup>	7.1mm+0.2	PVC GREY	-	-	-15°C to +70°C, 10xO.D.	-5°C to +60°C, 15xO.D.	-
I0	3	1mm <sup>2</sup>	7.6mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	YES
I2	3	0.5mm <sup>2</sup>	5.5mm+0.3	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I3	3	0.75mm <sup>2</sup>	6.0mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I4	3	1mm <sup>2</sup>	7.1mm+0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
N2	3	0.5mm <sup>2</sup>	5.6mm±0.7	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N3	3	0.75mm <sup>2</sup>	6.8mm±0.8	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N4	3	1mm <sup>2</sup>	7.15mm±0.85	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
P1	3	0.34mm <sup>2</sup>	5.3mm±0.2	PUR BLACK	-	-	-25°C to +80°C, 10xO.D.	-5°C to +80°C, 15xO.D.	-
P2	3	0.5mm <sup>2</sup>	5.5mm+0.3	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
P3	3	0.75mm <sup>2</sup>	6.5mm±0.2	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-

Notes:  
1. Please see excel sheet 1210501000\_PDP for currently configured part numbers.  
2. Drawing is a replacement for: SD-121050-003

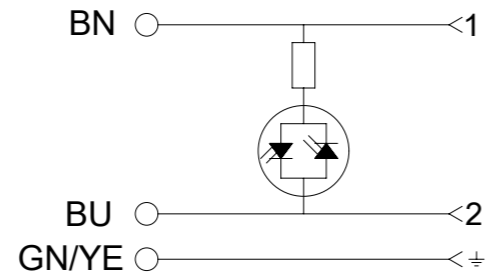
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		 STANDARD E462 DIN FORM INDUSTRIAL PRODUCT CUSTOMER DRAWING					
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	▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 603741 DRWN: APAWLAK01 2018/07/16 CHK'D: RSILLER 2018/08/31 APPR: RSILLER 2018/08/31		
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▽ = 0	4 PLACES	±	INITIAL REVISION:					
▽ = 0	3 PLACES	±						
▽ = 0	2 PLACES	± 0.05	DRWN: APAWLAK01 2018/07/16 APPR: RSILLER 2018/08/31					
▽ = 0	1 PLACE	± 0.1						
▽ = 0	0 PLACES	±	DOCUMENT NUMBER: 1210501000 DOC TYPE: PSD DOC PART: 000 REVISION: A					
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# WIRING DIAGRAMS

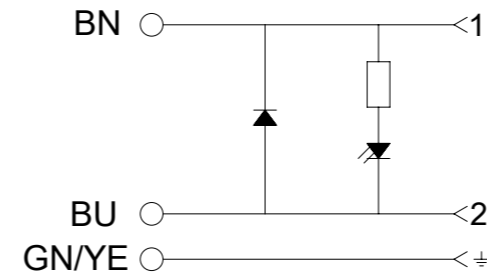
ELECTRICAL DIAGRAM 00



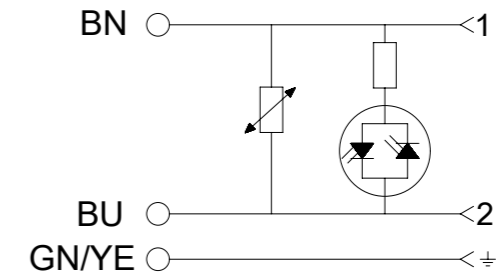
ELECTRICAL DIAGRAM A1



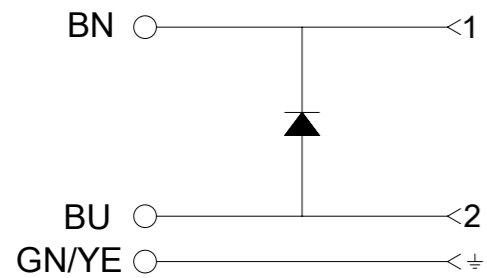
ELECTRICAL DIAGRAM C3



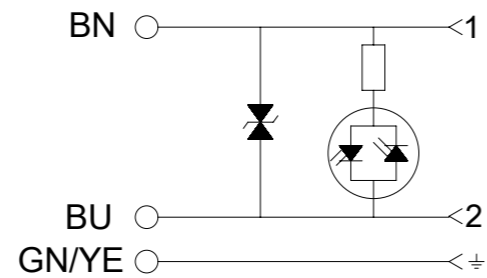
ELECTRICAL DIAGRAM C4



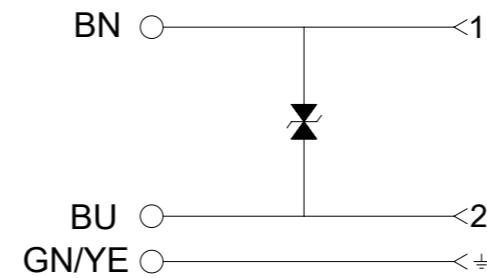
ELECTRICAL DIAGRAM E0



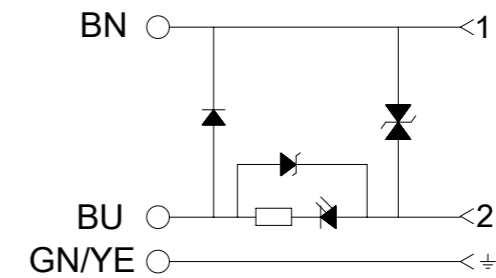
ELECTRICAL DIAGRAM S0



ELECTRICAL DIAGRAM S1



ELECTRICAL DIAGRAM NS



**Technical Spec:**

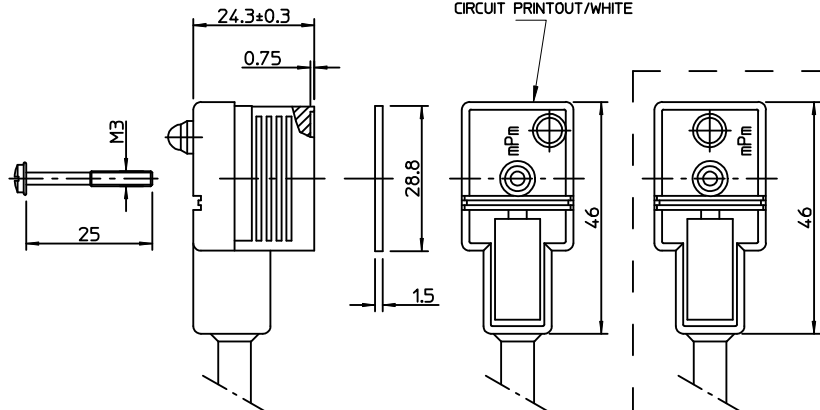
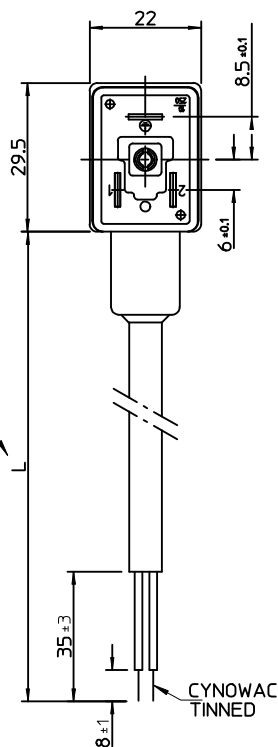
Supply Voltage: See PN KEY

Max. current: 5A; A1-C4-S0  
1,5A; R2

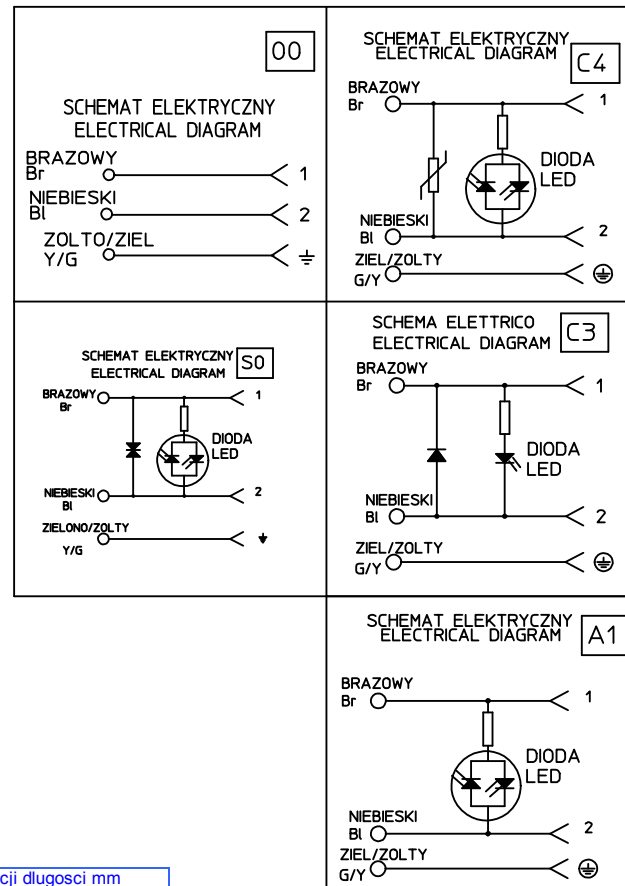
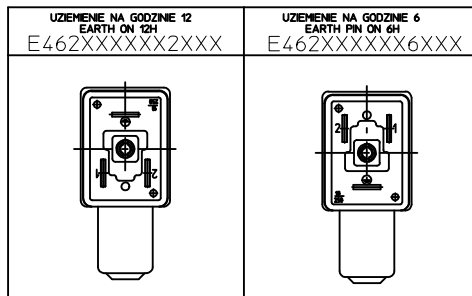
Contact Resistance: ≤15milliohms max.

Operating Temperature:  
with NBR Gasket: -40°C +90°C  
with Silicone: -40°C +125°C

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>	
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▽ = 0	0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER		CUSTOMER
☒ = 0	THIRD ANGLE PROJECTION		DRAWING		SERIES	SHEET NUMBER	
■ = 0	A3-SIZE		121050		SEE 1210501000_PDP	GENERAL MARKET	
▽ = 0	3		4		2		1



Widok dla H12      Widok dla H6



PATRZ UWAGA 1  
SEE NOTE 1

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.

NOTES:

1. LENGTH SEE SHEET 2.

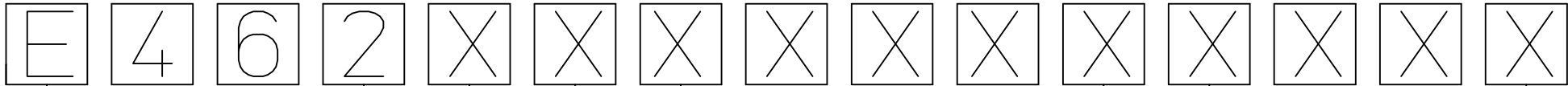
ORIGINAL RELEASE EC NO: WEU2009-0394 DRWIN: MWOLSZCZAK 2009/05/26 CHYKD: MDABROWSKA 2009/05/29 APPR: GOGRODNIK 2009/06/08	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>1:1</b>	DESIGN UNITS <b>METRIC</b>	FIRST ANGLE PROJECTION															
		<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	DRAWN BY: MWOLSZCZAK DATE: 2009/01/21	TITLE: MPM E462XXXXXXXXXXXX		
		mm	INCH																		
	4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																			
2 PLACES	± ---	± ---																			
1 PLACE	± ---	± ---																			
		CHECKED BY: MDABROWSKA DATE: 2009/01/21	MOLEX INCORPORATED																		
		APPROVED BY: GOGRODNIK DATE: 2009/01/21	MATERIAL NO. SE DRAWING			DOCUMENT NO. E462XXXXXXXXXXXX	SHEET NO. 1 OF 4														

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

SIZE  
A3

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 warow  
 W - Pakowanie pojedynczo  
 Q - Szybkie pakowanie

ILOSC PRZEWODOW/NUMBER OF WIRES:  
 1=2 PRZEWODY,  
 2=2 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.

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 12/1EARTH 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 } CZERWONA DIODA } ZIELONA DIODA } ZOLTA DIODA }  
 2= 24V } B= 24V } C= 48V } H= 24V } K= 48V }  
 3= 48V } C= 48V } D= 115V } L= 115V } L= 115V }  
 4= 115V } RED LED } GREEN LED } YELLOW LED }  
 5= 230V } E= 230V } M= 230V }

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 1:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	
			mm INCH	DRAWN BY DATE MWOLSZCZAK 2009/01/21	TITLE MPM E462XXXXXXXXXXXX			
			4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	CHECKED BY DATE MDABROWSKA 2009/01/21	APPROVED BY DATE GOGRODNIK 2009/01/21	MOLEX INCORPORATED		
			ANGULAR ± ---°	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE DRAWING	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

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180080	I	0	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Czamy/Black	5,5+/-0,2 mm	OK.	OK.
-	A	2	3	20 AWG	PVC CSA/UL 2661	Czamy/Black	5,5+/-0,2 mm	OK.	OK.
1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Czamy/Black	6,2+/-0,2 mm	OK.	OK.
-	A	2	5	20 AWG	PVC CSA/UL 2661	Czamy/Black	7+/-0,2 mm	OK.	OK.
1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Czamy/Black	5,5+/-0,2 mm	OK.	OK.
1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Czamy/Black	5,6+/-0,2 mm	OK.	OK.
1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Czamy/Black	6,2+/-0,2 mm	OK.	OK.
-	B	2	5	20 AWG	PUR CSA/UL 20668	Czamy/Black	7+/-0,2 mm	OK.	OK.
1210180122	D	2	3	0,5 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
-	F	2	3	0,5 mm2	GNOMO	Szary/Grey RAL7000	5,5+/-0,2 mm	OK.	OK.
1210180047	I	2	2	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
-	I	2	3	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
1210180146	I	2	4	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	6,5+/-0,2 mm	OK.	OK.
1210180177	I	2	5	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7+/-0,2 mm	OK.	OK.
1210180022	N	2	2	0,5 mm2	PVCH03	Czamy/Black	5,1+ 0,2-0 mm	OK.	OK.
1210180064	N	2	3	0,5 mm2	PVCH03	Czamy/Black	5,4+ 0,2-0 mm	OK.	OK.
1210180153	N	2	4	0,5 mm2	PVCH03	Czamy/Black	5,75+0,2-0 mm	OK.	OK.
1210180046	P	2	2	0,5 mm2	PUR - BLEND	Czamy/Black	5,5+/-0,2 mm	OK.	OK.
-	P	2	3	0,5 mm2	PUR - BLEND	Czamy/Black	5,5+/-0,2 mm	OK.	OK.
1210180302	P	2	4	0,5 mm2	PUR - BLEND	Czamy/Black	-	-	-
-	P	2	5	0,5 mm2	PUR - BLEND	Czamy/Black	7+/-0,2 mm	OK.	OK.
1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Czamy/Black	6,5+/-0,2 mm	OK.	OK.
1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Czamy/Black	6,5+/-0,2 mm	OK.	OK.
1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Czamy/Black	7+/-0,2 mm	OK.	OK.
-	A	3	5	18 AWG	PVC CSA/UL 2661	Czamy/Black	7,8+/-0,2 mm	OK.	OK.
1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Czamy/Black	6,5+/-0,2 mm	OK.	OK.
1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Czamy/Black	6,5+/-0,2 mm	OK.	OK.
1210180127	B	3	4	18 AWG	PUR CSA/UL 20668	Czamy/Black	7+/-0,2 mm	OK.	OK.
-	B	3	5	18 AWG	PUR CSA/UL 20668	Czamy/Black	7,8+/-0,2 mm	OK.	OK.
1210180073	D	3	3	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180145	D	3	4	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180120	I	3	3	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180143	I	3	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180032	N	3	2	0,75 mm2	PVCH05	Czamy/Black	6,2+ 0,2-0 mm	OK.	OK.
1210180069	N	3	3	0,75 mm2	PVCH05	Czamy/Black	6,6+0,2-0 mm	OK.	OK.
-	N	3	4	0,75 mm2	PVCH05	Czamy/Black	7,15+0,2-0 mm	OK.	OK.
1210180174	N	3	5	0,75 mm2	PVCH05	Czamy/Black	8,0+0,2-0 mm	OK.	OK.
-	P	3	2	0,75 mm2	PUR - BLEND	Czamy/Black	6,5+/-0,2 mm	OK.	OK.

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180071	P	3	3	0,75 mm2	PUR - BLEND	Czamy/Black	6,5+/-0,2 mm	OK.	OK.
1210180152	P	3	4	0,75 mm2	PUR - BLEND	Czamy/Black	7+/-0,2 mm	OK.	OK.
1210180384	R	3	3	0,75 mm2	TPR HAL. FREE	Czamy/Black	6,5+/-0,2 mm	OK.	OK.
1210180094	T	3	3	0,75 mm2	PUR CSA/UL	Żółty/Yellow	-	-	-
1210180309	Y	3	3	0,75 mm2	SIL/0300	Czerwony/Red	6,5+/-0,2 mm	-	-
1210180081	F	4	3	1 mm2	GNOMO	Szary/Grey RAL7000	-	-	-
-	F	4	4	1 mm2	GNOMO	Szary/Grey RAL7000	7,1+0,2-0 mm	OK.	OK.
1210180042	I	4	2	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	OK.
1210180079	I	4	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	OK.
1210180036	N	4	2	1 mm2	PVCH05	Czamy/Black	6,5+0,2-0 mm	OK.	OK.
1210180082	N	4	3	1 mm2	PVCH05	Czamy/Black	6,9+0,2-0 mm	OK.	OK.
1210180117	R	4	3	1 mm2	TPR HAL. FREE	Czamy/Black	-	-	-
1210180085	N	5	3	1,5 mm2	PVCH05	Czamy/Black	8,3+0,2-0 mm	OK.	OK.
1210180313	I	6	2	0,35 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
-	A	7	3	20 AWG	PVC CSA/UL 2661	Żółty/Yellow	5,6+/-0,2 mm	OK.	OK.
1210180149	I	9	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-

TABELA 1 TYPY KABLI/TABLE 2 CABLES TYPE

Znakowanie /Code	Rodzaje kabla /Cable types	Właściwości /Features	Przekroje /Stranding
N	PVC	Kabel z dobrą rezystancją w wodzie ale słabą w oleju./Application general purpose cable which has good resistance to water, but usually poor oil resistance.	0.5 mm2 = 15 x 0.20 0.75 mm2 = 21 x 0.20 1 mm2 = 28 x 0.20
I	PVC	Zatwierdzone przez IEC 332-2A, samogaszący./Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
P	PVC	Dobra rezystancja w olejach i chemikaljach./Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
A	PVC	Zatwierdzony przez CSA-UL 2661.Dobra rezystancja na wode słaba na olej./ Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15
B	PVC	Zatwierdzony przez CSA-UL 20668, bardzo dobra rezystancja w oleju i chemikaljach./ Approved to CSA-UL 20668, very good resistance to oil and chemicals.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15

<b>ORIGINAL RELEASE</b> EC NO: WEU2009-0394 DRWIN: MWOLSZCZAK 2009/05/26 CHYKD: MDABROWSKA 2009/05/29 APPR: GOGRODNIK 2009/06/08	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	
		mm      INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---		DRAWN BY      DATE MWOLSZCZAK      2009/01/21		TITLE MPM E462XXXXXXXXXXXX			
		ANGULAR ± ---°		CHECKED BY      DATE MDABROWSKA      2009/01/21		APPROVED BY      DATE GOGRODNIK      2009/01/21			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE DRAWING		MOLEX INCORPORATED		DOCUMENT NO. E462XXXXXXXXXXXX	

TABELA 3/CHART 3

MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX P/N	WOODHEAD P/N	MOLEX PN	WOODHEAD PN	MOLEX PN	WOODHEAD PN
1210400555	E462N3N30022000	1210501105	E462N3N10022C4L	1210501661	E462I2N10061C4H	1210502424	E462I4N15021C4H	1210502883	W462A3A10K2RS0H	1210501039	E462I4N30021C4L
1210400556	E462N3N30062000	1210501108	E462N3N10061C4H	1210501662	E462I2N10K61C4H	1210502425	E462P2N30021A12	1210502895	W462F4N10K6RC4H	1210501046	E462I4N30061SOH
1210400558	E462N3N50062000	1210501110	E462N3N10062C4L	1210501710	E462A3A30021C44	1210502426	E462P2N30021A1M	1210580059	W462I2N10K61S0H	1210501063	E462I4N50061S0H
1210400565	E462P3N50062000	1210501116	E462N3N10K21S02	1210501715	E462N2N30021C42	1210502450	E462A3A10021C42	1210580019	W462I2N50061C4H	1210502990	E462N2N10021A15
1210401020	E462N3N20022000	1210501119	E462N3N10K61C42	1210501771	E462N3N15021A12	1210502470	E462N3N50062S0H	1210502963	W462N3N10022C42	1210502995	E462N2N20021C4B
1210500954	E462A3A30022C4L	1210501125	E462N3N15021C42	1210501782	E462N2N20061C4H	1210502503	E462I4N70021A12	1210502889	W462N3N2002RC4B	1210503003	E462N2N30061C42
1210500956	E462A3A30062C4L	1210501140	E462N3N20021C42	1210501789	E462B3A50062C4H	1210502504	E462A2A50021S0H	1210502906	W462N3N2006RC4B	1210503004	E462N2N50061C42
1210500974	E462I0N30021A12	1210501143	E462N3N20021C4B	1210501793	E462N2N30062C32	1210502528	E462I4N80061C4H	1210502756	W462N3N30021C42	1210501134	E462N3N15062C4L
1210500979	E462I2N10021C4H	1210501147	E462N3N20021C4H	1210501798	E462N3N71021C4H	1210502532	E462I4N50021C3H	1210580057	W462N3N30022C44	1210501155	E462N3N20061C44
1210500985	E462I2N20021C4H	1210501163	E462N3N25021C4H	1210501834	E462P2N30022S02	1210502534	E462N3N15021C45	1210502939	W462N3N30022C45	1210501161	E462N3N20062C42
1210500988	E462I2N25021C4H	1210501164	E462N3N25061C42	1210501855	E462B3A30062C4H	1210502536	E462N4N10K21C42	1210580018	W462N3N3006RC4D	1210501186	E462N3N30022C4L
1210500989	E462I2N30021C32	1210501170	E462N3N30021C42	1210501904	E462I2N30022C42	1210502538	E462N2N70022C42	1210502952	W462N3N5002RC3B	1210501810	E462N3N30061C4M
1210500990	E462I2N30021C3H	1210501175	E462N3N30021C4H	1210501912	E462P3N30021C4H	1210502550	E462N2N30021A1H	1210502896	W462N3N5002RC4B	1210501203	E462N3N30062C4L
1210500991	E462I2N30021C42	1210501176	E462N3N30021S02	1210501939	E462I2N50061C42	1210502569	E462N3N50021C45	1210502900	W462N3N5002RC4E	1210502981	E462N3N40061C4H
1210500992	E462I2N30021C4H	1210501181	E462N3N30022C4B	1210501979	E462B3A10022C4L	1210502580	E462N2N20021A1H	1210502902	W462N3N5006RC4B	1210501212	E462N3N50021A12
1210500993	E462I2N30022C4H	1210501183	E462N3N30022C4D	1210501986	E462N3N30021C3H	1210502582	E462B2A30022C4L	1210502754	W462N2N2002RC4B	1210501228	E462N3N50022C4H
1210500994	E462I2N30061C42	1210501184	E462N3N30022C4E	1210502030	E462N3N1006PC4H	1210502583	E462I2N50022C42	1210502962	W462N3N10K2RC4B	1210502148	E462N3N5002RC4M
1210500995	E462I2N30061C4H	1210501185	E462N3N30022C4H	1210502058	E462N3N50021A12	1210502588	E462A3A10K2RS0H	1210502965	W462N3N2002RC4C	1210501236	E462N3N50062C4L
1210500999	E462I2N50021C42	1210501192	E462N3N30061C42	1210502069	E462T3A06021C4H	1210502591	E462N3N50061C4M	1210502888	W462N3N2002RC4E	1210502986	E462P1N10K61C42
1210501000	E462I2N50021C4H	1210501195	E462N3N30061C4H	1210502073	E462P2N50021C4M	1210502608	E462N3N10022C3H	1210502971	W462P3N10K2RC4E	1210501268	E462P2N10K21C4H
1210501002	E462I2N50061C4H	1210501202	E462N3N30062C4H	1210502088	E462I4N30061C4M	1210502617	E462P2N04061C4H	1210502883	W462A3A10K2RS0H	1210502992	E462P2N15021C32
1210501015	E462I4N10K21C4H	1210501217	E462N3N50021C42	1210502090	E462T3A20021C4H	1210502618	E462P2N07061C4H	1210502895	W462F4N10K6RC4H	1210501732	E462P2N50021C42
1210501017	E462I4N10K61C4H	1210501218	E462N3N50021C44	1210502116	E462T3A50021C4H	1210502625	E462P3N10061C4L	1210502889	W462N3N2002RC4B	1210501309	E462P3N30062C4L
1210501034	E462I4N30021C3H	1210501219	E462N3N50021C4B	1210502117	E462T3A10061C4H	1210502629	E462N3N12021A13	1210502756	W462N3N30021C42	1210501312	E462P3N50022C4L
1210501038	E462I4N30021C4H	1210501221	E462N3N50021C4D	1210502149	E462N3N5002RC4H	1210502644	E462N3N50021A12	1210501079	E462N2N30061C4H	1210502120	E462T3A30021C4H
1210501044	E462I4N30061C4H	1210501222	E462N3N50021C4E	1210502212	E462N2N50021A12	1210502661	E462P3N50021C4H	1210501633	E462N2N50061C4H	1210503034	E462A3A50021C4H
1210501056	E462I4N50021C4H	1210501223	E462N3N50021C4H	1210502224	E462N3N3006PC4H	1210502684	E462N3N03021C42	1210501858	E462N2N30021A12	1210503037	E462P3N1002PC4H
1210501057	E462I4N50021C4L	1210501226	E462N3N50022C42	1210502227	E462P3N3006PC4H	1210503009	E462A2A10K61S0H	1210502541	E462N3N30022C45	1210503038	E462P3N3002PC4H
1210501061	E462I4N50061C4H	1210501227	E462N3N50022C4B	1210502228	E462P3N5006PC4H	1210503010	E462A2A10K21S0H	1210503009	E462A2A10K61S0H	1210503040	E462N2N50021C42
1210501077	E462N2N10061C4H	1210501234	E462N3N50061C4H	1210502237	E462A2A10K61C4H	1210503010	E462A2A10K21S0H	1210502670	E462A3A10021C41		
1210501078	E462N2N30022A12	1210501235	E462N3N50062C4H	1210502241	E462A2A20061C4H	1210502533	E462N2N10K21A12	1210502669	E462A3A10021C44		
1210501080	E462N2N50022A12	1210501257	E462P2N04021C4H	1210502266	E462N2N50021S02	1210503011	E462N3N30021C3G	1210501631	E462A3A20021C42		
1210501087	E462N3N05021C45	1210501261	E462P2N07021C4H	1210502285	E462I4N30062A1H	1210503014	E462P3N30022C4H	1210501597	E462A3A30022C4H		
1210501093	E462N3N07021A12	1210501278	E462P2N30021C4H	1210502285	E462I4N30062A1H	1210503012	E462N2N20021S0H	1210501980	E462B3A50022C4L		
1210501094	E462N3N10021C42	1210501283	E462P2N30061C4H	1210502320	E462I4N50062C4H	1210501299	E462P3N10062C4H	1210502996	E462I2N10021C42		
1210501095	E462N3N10021C44	1210501293	E462P2N50061S0H	1210502339	E462T3A06061C4H	1210502468	Q462I4N30021C4H	1210502449	E462I2N10K21C42		
1210501096	E462N3N10021C45	1210501296	E462P3N10022C4H	1210502343	E462A2A30061S0H	1210502467	Q462I4N50021C4H	1210501663	E462I2N10K21C4H		
1210501097	E462N3N10021C4H	1210501306	E462P3N30061C42	1210502368	E462A2A50061S0H	1210502459	Q462N3N30021C4H	1210502685	E462I4N05021C3H		
1210501099	E462N3N10022C42	1210501354	E462A2A30021C4H	1210502373	E462A2A06021C4H	1210502460	E462N3N30061C4H	1210501023	E462I4N20021A1H		
1210501104	E462N3N10022C4H	1210501658	E462N2N50021C4H	1210502407	E462I2G50021C3K	1210501300	E462P3N10062C4L	1210502036	E462I4N20021C3B		

<b>ORIGINAL RELEASE</b> EC NO: WEU2009-0394 DRWIN: MWOLSZCZAK 2009/05/26 CHYK: MDABROWSKA 2009/05/29 APPR: GOGRODNIK 2009/06/08	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		FIRST ANGLE PROJECTION																
		<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> </table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	DRAWN BY DATE MWOLSZCZAK 2009/01/21		TITLE MPM E462XXXXXXXXXXXX					
		mm	INCH																							
	4 PLACES	± ---	± ---																							
	3 PLACES	± ---	± ---																							
2 PLACES	± ---	± ---																								
1 PLACE	± ---	± ---																								
	ANGULAR ± ---°		CHECKED BY DATE MDABROWSKA 2009/01/21		APPROVED BY DATE GOGRODNIK 2009/01/21		MOLEX INCORPORATED																			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE DRAWING		DOCUMENT NO. E462XXXXXXXXXXXX		SHEET NO. 4 OF 4																			
	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							