

	9	8	7	6	5	4	3	2	1																																																																																																																												
E	PART No. MATRIX E 1 6 X X X X X X X X PACKING WITHOUT BAG NUMBER OF WIRES: 1-2 WIRES 2-2 WIRES+GROUND CABLE TYPE: SEE CABLE INFORMATION CABLE CROSS SECTION AREA: SEE CABLE INFORMATION HEAD COLOUR: * G-GREY * N-BLACK * A-UL BLACK (ONLY WITH UL LISTED CABLE) CABLE LENGTH IN CM: * 050-50 CM * 300-300 CM * 10K-1000 CM EARTH PIN LOCATION (SEE INSERT ORIENTATION TABLE): 2- EARTH ON H12 6- EARTH ON H6 GASKET SCREWS: 1-NBR PROFILE GASKET+FIXING SCREWS (M3x25 mm) 2-NBR FLAT GASKET+SCREW (M3x25 mm) 3-SILICONE PROFILE GASKET+SCREWS (M3x25 mm) 4-SILICONE FLAT GASKET+SCREW (M3x25 mm) P-INTIGRATED GASKET+FIXING SCREW+GROMMET (M3x27 mm) R-INTIGRATED GASKET+SCREW+GROMMET (M3x27 mm) T-PROFILE GASKET+SCREW+GROMMET (M3x27 mm)									E																																																																																																																											
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1210400319	E162N3N40061	4000																																																																																																																																			
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B	CABLE INFORMATION <table><tr><th rowspan="2">CABLE TYPE</th><th rowspan="2">CABLE C/S</th><th rowspan="2">CABLE JACKET</th><th rowspan="2">TEMPERATURE RANGE (STATIC)</th><th colspan="2">BENDING RADIUS</th></tr><tr><th>STATIC</th><th>DYNAMIC</th></tr><tr><td>A2</td><td>20AWG</td><td>PVC UL 2661</td><td>-15° TO +105°</td><td>>10X OD</td><td>>15X OD</td></tr><tr><td>A3</td><td>18 AWG</td><td>PVC UL 2661</td><td>-15° TO +105°</td><td>>10X OD</td><td>>15X OD</td></tr><tr><td>B2</td><td>20AWG</td><td>PUR UL 20668</td><td>-40° TO +90°</td><td>>5X OD</td><td>>10X OD</td></tr><tr><td>B3</td><td>18 AWG</td><td>PUR UL 20668</td><td>-40° TO 90°</td><td>>5X OD</td><td>>10X OD</td></tr><tr><td>I2</td><td>0.5 mm²</td><td>PVC CEI 2022 II</td><td>-25° TO +70°</td><td>>10X OD</td><td>>15X OD</td></tr><tr><td>I4</td><td>1 mm²</td><td>PVC CEI 2022 II</td><td>-25° TO +70°</td><td>>10X OD</td><td>>15X OD</td></tr><tr><td>N2</td><td>0.5 mm²</td><td>PVC H03</td><td>-20° TO +70°</td><td>>3X OD</td><td>NA</td></tr><tr><td>N3</td><td>0.75 mm²</td><td>PVC H05</td><td>-20° TO +70°</td><td>>9X OD</td><td>NA</td></tr><tr><td>N4</td><td>1 mm²</td><td>PVC H05</td><td>-20° TO +70°</td><td>>9X OD</td><td>NA</td></tr><tr><td>P2</td><td>0.5 mm²</td><td>PUR-BLEND</td><td>-40° TO +90°</td><td>>7.5X OD</td><td>>12.5X OD</td></tr><tr><td>P3</td><td>0.75 mm²</td><td>PUR-BLEND</td><td>-40° TO +90°</td><td>>7.5X OD</td><td>>12.5X OD</td></tr><tr><td>R3</td><td>0.75 mm²</td><td>TPR</td><td>-40° TO +130°</td><td colspan="2">-</td></tr><tr><td>R4</td><td>1 mm²</td><td>TPR</td><td>-40° TO +130°</td><td colspan="2">-</td></tr><tr><td>W3</td><td>0.75 mm²</td><td>PE</td><td>-40°C TO 90°C</td><td colspan="2">>5X OD</td></tr></table>	CABLE TYPE	CABLE C/S	CABLE JACKET	TEMPERATURE RANGE (STATIC)	BENDING RADIUS		STATIC	DYNAMIC	A2	20AWG	PVC UL 2661	-15° TO +105°	>10X OD	>15X OD	A3	18 AWG	PVC UL 2661	-15° TO +105°	>10X OD	>15X OD	B2	20AWG	PUR UL 20668	-40° TO +90°	>5X OD	>10X OD	B3	18 AWG	PUR UL 20668	-40° TO 90°	>5X OD	>10X OD	I2	0.5 mm²	PVC CEI 2022 II	-25° TO +70°	>10X OD	>15X OD	I4	1 mm²	PVC CEI 2022 II	-25° TO +70°	>10X OD	>15X OD	N2	0.5 mm²	PVC H03	-20° TO +70°	>3X OD	NA	N3	0.75 mm²	PVC H05	-20° TO +70°	>9X OD	NA	N4	1 mm²	PVC H05	-20° TO +70°	>9X OD	NA	P2	0.5 mm²	PUR-BLEND	-40° TO +90°	>7.5X OD	>12.5X OD	P3	0.75 mm²	PUR-BLEND	-40° TO +90°	>7.5X OD	>12.5X OD	R3	0.75 mm²	TPR	-40° TO +130°	-		R4	1 mm²	TPR	-40° TO +130°	-		W3	0.75 mm²	PE	-40°C TO 90°C	>5X OD																																									
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 | | | | | | | | B || A | | | | | | | | |---------|---|---------------------------------------|---------------------------|--|--| | SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: REDRAWN | | <div>molex</div> <div>MPM E16XXXXXXX</div> | | | ▽ = 0 | DIMENSION UNITS | SCALE | | | | | ▽ = 0 | mm | 1:1 | | | | | ▽ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | |

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[illegible]

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[illegible]

PART LIST

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*1210400840	E162N3N75021	7500
*1210400842	E162N3N13K21	13000
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1210400915	E162N3N06062	600
*1210400919	E162P2N30021	3000
*1210400920	E162A2A1002R	1000
*1210400927	E162N3N20023	2000
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*1210401314	E162A2A10021	1000
1210401315	E162A2A30061	3000
*1210401316	E162A2A30021	3000
1210401317	E162A2A50061	5000
*1210401318	E162A2A50021	5000
*1210401337	E162B2A50021	5000
*1210401356	E162R4N3002P	3000

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1210401405	E162P3N50061	5000
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*1210401413	E162I2N15061	1500
1210401431	E161N3N1002P	1000
1210401432	E161N3N1006P	1000
*1210401458	E162N2N07221	720
*1210401459	E162N2N15021	1500
1210401480	E162B3A3002P	3000
1210401501	E161N3N0606P	600
1210401502	E161N3N0756P	750
1210401512	E161N2N3002P	3000
*2210400001	E162W3A30021	3000

- NOTES:
- *-INDICATES SPACER USED IN THE ASSEMBLY.
 - \$.-INDICATES CABLE-TIE USED IN THE ASSEMBLY.
 - LABEL-USED IN P/N 1210401315, 1210401317 & 1210401318.

TECHNICAL DATA:

ELECTRICAL:

CURRENT MAX. : 5.0A

VOLTAGE: 250V

CONTACT RESISTANCE: ≤15 mOhm MAX.

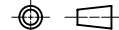
ENVIRONMENTAL:

OPERATING TEMPERATURE:

NITRILE RUBBER (NBR) GASKET: -40°C TO +90°C

SILICONE GASKET: -40°C TO +125°C

PROTECTION: IP65

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: REDRAWN					
	= 0	mm		1:1							
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	= 0	ANGULAR TOL		± 1.0 °							
	= 0	4 PLACES		±		EC NO: 621216					
	= 0	3 PLACES		±		DRWN: APAWLAK01 2019/07/24					
	= 0	2 PLACES		± 0.05		CHK'D: RSILLER 2019/07/29					
	= 0	1 PLACE		± 0.3		APPR: RSILLER 2019/07/29					
	= 0	0 PLACES		± 0.5		INITIAL REVISION:					
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
								A3-SIZE		121040	

molex			
MPM E16XXXXXXXXXX			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
1210400254		PSD	000
			A1
MATERIAL NUMBER		CUSTOMER	
SEE PART LIST		GENERAL MARKET	
		SHEET NUMBER	
		3 OF 3	

molex

MPM E16XXXXXXXXXX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210400254	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	3 OF 3