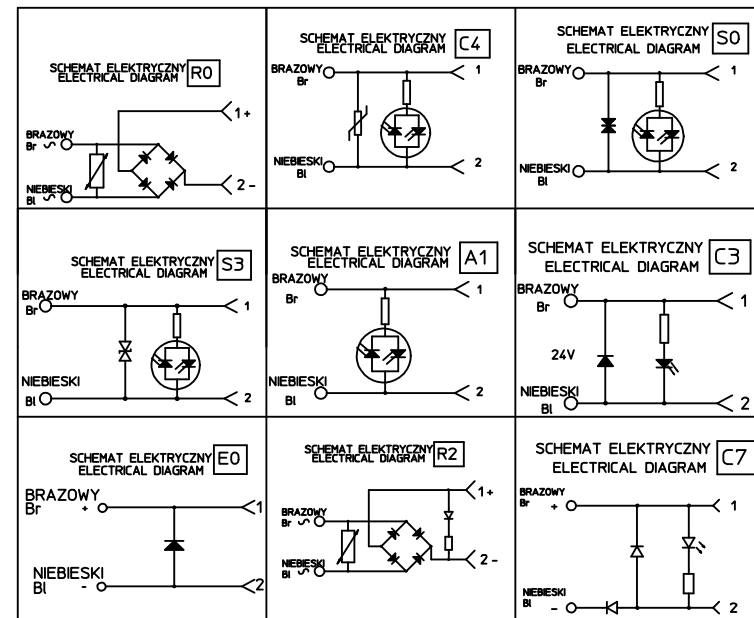
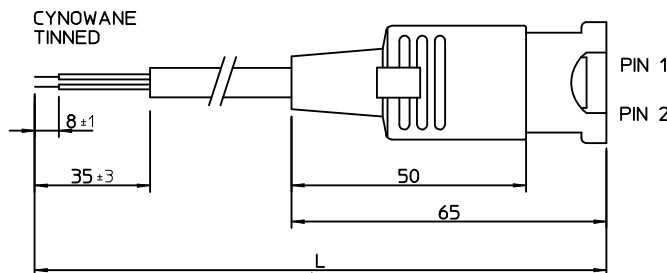
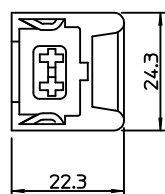
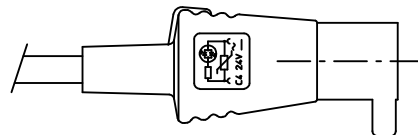


SCHEMATY POLACZEN/WIREING CONFIGURATION



TAMPONADRUK SCHEMATU(PATRZ ROZKODOWANIE) /BIALY  
CIRCUIT PRINTOUT(SEE MPM PART NUMBER CODE)/WHITE



PATRZ UWAGA 1  
SEE NOTE 1

| 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.

NOTES:

1. LENGHT SEE SHEET 2.

|                                                                                                                                      |             |                                   |                                                            |             |                                                                                                                               |                            |                             |              |                        |                                                                                                              |                                |  |                     |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------|--------------|------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------|--|---------------------|
| ORIGINAL RELEASE<br>EC NO: WEU2009-0449<br>DRWN: MWOL SZCZAK 2009/06/30<br>CHKD: MDABROWSKA 2009/07/01<br>APPR: GOGRODNIK 2009/07/01 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |             |                                                                                                                               | DIMENSION STYLE<br>MM ONLY |                             | SCALE<br>--- | DESIGN UNITS<br>METRIC |  FIRST ANGLE PROJECTION |                                |  |                     |
|                                                                                                                                      |             |                                   | mm INCH                                                    |             | DRAWN BY DATE                                                                                                                 |                            | TITLE<br>MPM EJT1XXXXXXXXXX |              |                        |                                                                                                              |                                |  |                     |
|                                                                                                                                      |             |                                   | 4 PLACES                                                   | ± --- ± --- | MLEVYTSKYY 2009/04/20                                                                                                         |                            |                             |              |                        |                                                                                                              |                                |  |                     |
|                                                                                                                                      |             |                                   | 3 PLACES                                                   | ± --- ± --- | CHECKED BY DATE                                                                                                               |                            |                             |              |                        |                                                                                                              |                                |  |                     |
|                                                                                                                                      |             |                                   | 2 PLACES                                                   | ± --- ± --- | MDABROWSKA 2009/04/20                                                                                                         |                            |                             |              |                        |                                                                                                              |                                |  |                     |
|                                                                                                                                      |             |                                   | 1 PLACE                                                    | ± --- ± --- | APPROVED BY DATE                                                                                                              |                            | MOLEX MOLEX INCORPORATED    |              |                        |                                                                                                              |                                |  |                     |
|                                                                                                                                      |             |                                   | ANGULAR ± ---°                                             |             | MWOL SZCZAK 2009/04/20                                                                                                        |                            |                             |              |                        |                                                                                                              |                                |  |                     |
|                                                                                                                                      |             |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |             | MATERIAL NO.<br>SEE DRAWING                                                                                                   |                            |                             |              |                        |                                                                                                              | DOCUMENT NO.<br>EJT1XXXXXXXXXX |  | SHEET NO.<br>1 OF 4 |
|                                                                                                                                      |             |                                   | A                                                          | REV         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                             |              |                        |                                                                                                              |                                |  |                     |
|                                                                                                                                      |             |                                   |                                                            |             |                                                                                                                               |                            |                             |              |                        |                                                                                                              |                                |  |                     |

PART No MATRIX

E

J

T

1

X

X

X

X

X

X

X

X

X

JUNIOR TIMER

CONNECTOR TYPE :  
1 - STRAIGHT, 2 WIRES, SINGLE ENDED

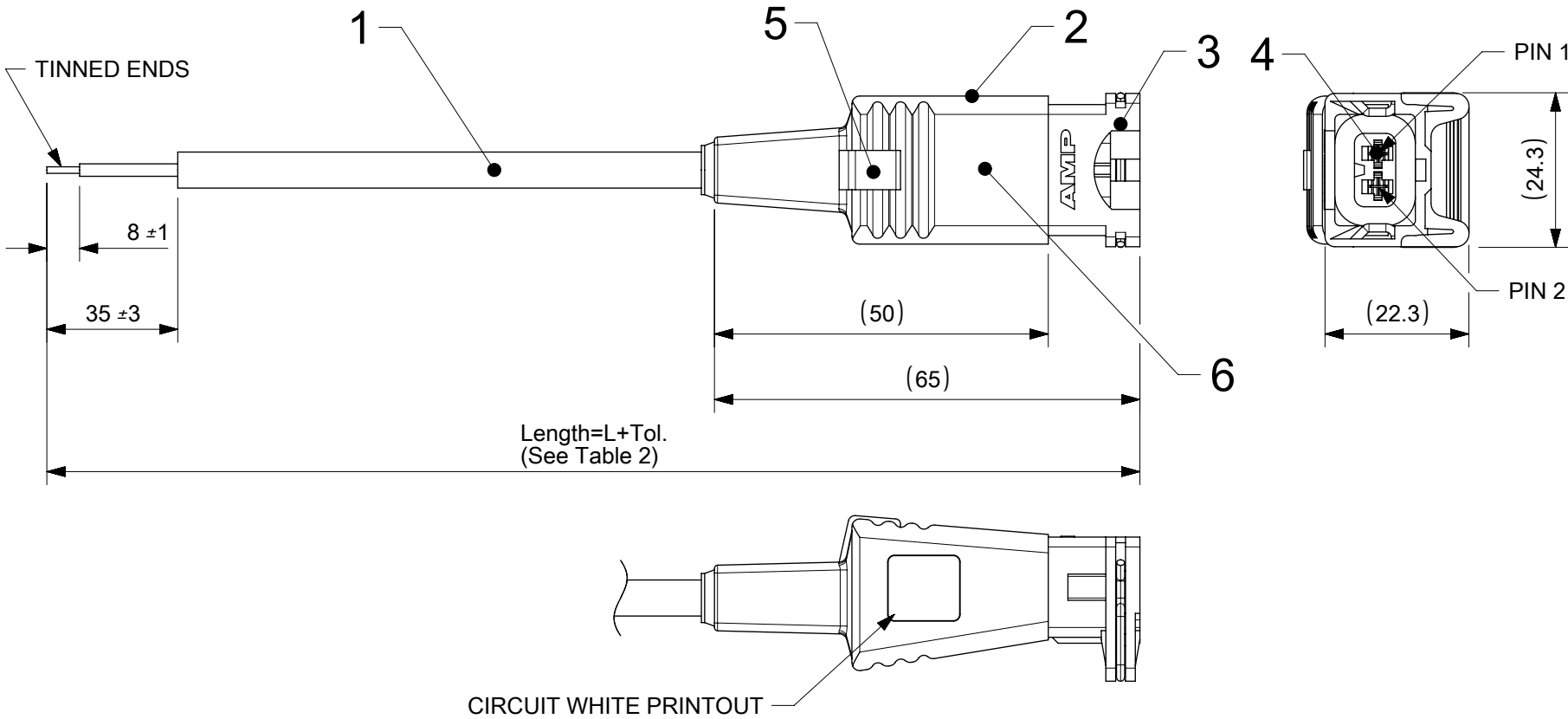
CABLE TYPE

HEAD COLOR  
N - BLACK  
A - CSA-UL BLACK

CABLE LENGTH [cm]  
050 = 50cm  
300 = 300cm  
10K = 1000cm

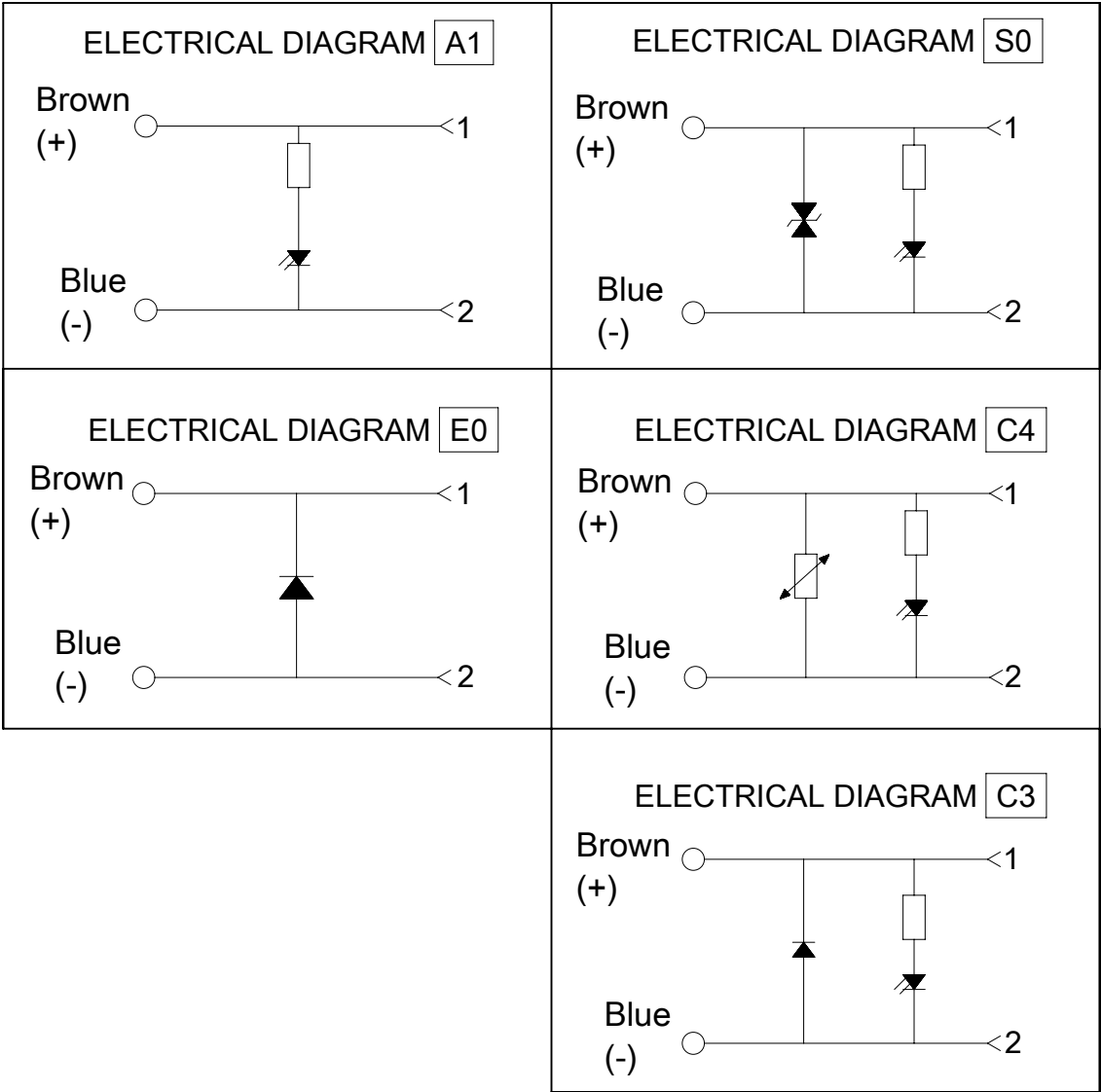
INTERNAL CIRCUIT:  
SEE WIRING CONFIGURATION

VOLTAGE AND LED COLOUR  
RED LED    GREEN LED    YELLOW LED  
1 = 12V    A = 12V    G = 12V  
2 = 24V    B = 24V    H = 24V



BILL OF MATERIALS

| ITEM            | QTY. | DESCRIPTION           | MATERIAL            | FINISH/COLOR |
|-----------------|------|-----------------------|---------------------|--------------|
| 6               | -    | ELECTRONIC COMPONENTS |                     |              |
| 5               | 1    | LENS                  | -                   | TRANSPARENT  |
| 4               | 2    | CONTACT               | PH. BRONZE          |              |
| 3               | 1    | HOUSING JUNIOR        | PA6.6 GVF 30        | BLACK        |
| 2               | -    | MOULDING MATERIAL     | PP                  | BLACK        |
| 1               | -    | CABLE                 | SEE SHEET 2         | SEE SHEET 2  |
| DOCUMENT STATUS | P1   | RELEASE DATE          | 2024/07/04 12:12:02 |              |



|                                                                                                                                                     |                    |                                       |       |                            |                   |               |                          |                  |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------|-------|----------------------------|-------------------|---------------|--------------------------|------------------|-------------------|----------|--|--|-----------------|--|--|----------------|--|--|--------------|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION       |                    |                                       |       |                            |                   |               |                          |                  |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
| FUNCTIONAL SYMBOLS<br><div><div><div>FA</div><div>= 0</div></div><div><div>FE</div><div>= 0</div></div><div><div>FE</div><div>= 0</div></div></div> | DIMENSION UNITS    |                                       | SCALE |                            | CURRENT REV DESC: |               |                          | <div>molex</div> |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
|                                                                                                                                                     | mm                 |                                       | 1:1   |                            |                   |               |                          |                  |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
|                                                                                                                                                     | DIVISIONAL SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |       |                            |                   | EC NO: 791448 |                          |                  | JUNIOR TIMER EJT1 |          |  |  |                 |  |  |                |  |  |              |  |  |
|                                                                                                                                                     |                    |                                       |       |                            |                   |               |                          |                  |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
| ANGULAR TOL ± 1.0 °                                                                                                                                 |                    |                                       |       | DRWN: APAWLAK01 2023/10/31 |                   |               | PRODUCT CUSTOMER DRAWING |                  |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
| 4 PLACES ±                                                                                                                                          |                    |                                       |       |                            |                   |               |                          |                  |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
| 3 PLACES ±                                                                                                                                          |                    |                                       |       | CHK'D: RSILLER 2024/07/04  |                   |               | SD-121056-002            |                  |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
| 2 PLACES ± 0.05                                                                                                                                     |                    |                                       |       |                            |                   |               |                          |                  |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
| 1 PLACE ± 0.3                                                                                                                                       |                    |                                       |       | INITIAL REVISION:          |                   |               | DOCUMENT NUMBER          |                  |                   | DOC TYPE |  |  | DOC PART        |  |  | REVISION       |  |  |              |  |  |
| 0 PLACES ± 0.5                                                                                                                                      |                    |                                       |       |                            |                   |               |                          |                  |                   |          |  |  |                 |  |  |                |  |  |              |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                |                    |                                       |       | THIRD ANGLE PROJECTION     |                   |               | DRAWING                  |                  |                   | SERIES   |  |  | MATERIAL NUMBER |  |  | CUSTOMER       |  |  | SHEET NUMBER |  |  |
|                                                                                                                                                     |                    |                                       |       |                            |                   |               | A3-SIZE                  |                  |                   | 121056   |  |  | SEE SHEET 2     |  |  | GENERAL MARKET |  |  | 1 OF 2       |  |  |



F

E

D

C

B

A

F

E

D

C

B

A

TABELA 2 KABLE / TABLE 2 CABLES

| Molex PN<br>Raw cable | Cable<br>type | Cable<br>code | Wires<br>no. | Cross<br>Section     | Jacket material      | Jacket<br>color | Diameter<br>Ø [mm] | Wire colors           |
|-----------------------|---------------|---------------|--------------|----------------------|----------------------|-----------------|--------------------|-----------------------|
| 1202091424            | I             | 0             | 3            | 1 mm <sup>2</sup>    | PVC CEI 2022 II O.R. | Grey            | 7.6±0.2            | BN, BU, GN/YE         |
| 1210180467            | A             | 2             | 2            | 20 AWG               | PVC CSA/UL 2661      | Black           | 5.4±0.2            | BN, BU                |
| 1210180128            | A             | 2             | 3            | 20 AWG               | PVC CSA/UL 2661      | Black           | 5.6±0.2            | BN, BU, GN/YE         |
| 1210180394            | A             | 2             | 4            | 20 AWG               | PVC CSA/UL 2661      | Black           | 6.2±0.25           | BN, BU, BK, GN/YE     |
| 1210180297            | B             | 2             | 2            | 20 AWG               | PUR CSA/UL 20668     | Black           | 5.6±0.2            | BN, BU                |
| 1210180126            | B             | 2             | 3            | 20 AWG               | PUR CSA/UL 20668     | Black           | 5.6±0.2            | BN, BU, GN/YE         |
| 1210180387            | B             | 2             | 4            | 20 AWG               | PUR CSA/UL 20668     | Black           | 6.3±0.2            | BN, BU, BK, GN/YE     |
| 1210180284            | D             | 2             | 3            | 0.5 mm <sup>2</sup>  | PVC CEI 20-20        | Grey            | 5.5+0.3/-0         | BN, BU, GN/YE         |
| 1210180047            | I             | 2             | 2            | 0.5 mm <sup>2</sup>  | PVC CEI 2022 II O.R. | Grey            | 5.5+0.3/-0         | BN, BU                |
| 1210180284            | I             | 2             | 3            | 0.5 mm <sup>2</sup>  | PVC CEI 2022 II O.R. | Grey            | 5.5+0.3/-0         | BN, BU, GN/YE         |
| 1210180146            | I             | 2             | 4            | 0.5 mm <sup>2</sup>  | PVC CEI 2022 II O.R. | Grey            | 6.5±0.2            | BN, BU, BK, GN/YE     |
| 1210180177            | I             | 2             | 5            | 0.5 mm <sup>2</sup>  | PVC CEI 2022 II O.R. | Grey            | 7.0 +0.3/-0        | BN, BU, BK, WH, GN/YE |
| 1210180022            | N             | 2             | 2            | 0.5 mm <sup>2</sup>  | PVC H03VV-F          | Black           | 5.2±0.2            | BN, BU                |
| 1202092753            | N             | 2             | 3            | 0.5 mm <sup>2</sup>  | PVC H03VV-F          | Black           | 5.5±0.2            | BN, BU, GN/YE         |
| 1210180153            | N             | 2             | 4            | 0.5 mm <sup>2</sup>  | PVC H03VV-F          | Black           | 5.9±0.3            | BN, BU, BK, GN/YE     |
| 1210180046            | P             | 2             | 2            | 0.5 mm <sup>2</sup>  | PUR - BLEND          | Black           | 5.5±0.2            | BN, BU                |
| 1202092439            | P             | 2             | 3            | 0.5 mm <sup>2</sup>  | PUR - BLEND          | Black           | 5.5 +0.3/-0        | BN, BU, GN/YE         |
| 1210180302            | P             | 2             | 4            | 0.5 mm <sup>2</sup>  | PUR - BLEND          | Black           | 6.5±0.2            | BN, BU, BK, GN/YE     |
| 1202092215            | P             | 2             | 5            | 0.5 mm <sup>2</sup>  | PUR - BLEND          | Black           | 7+0.3/-0.1         | BN, BU, BK, WH, GN/YE |
| 1210180409            | A             | 3             | 2            | 18 AWG               | PVC CSA/UL 2661      | Black           | 6.2±0.25           | BN, BU                |
| 1210180129            | A             | 3             | 3            | 18 AWG               | PVC CSA/UL 2661      | Black           | 6.5±0.25           | BN, BU, GN/YE         |
| 1210180159            | A             | 3             | 4            | 18 AWG               | PVC CSA/UL 2661      | Black           | 7.0+0.3/-0         | BN, BU, BK, GN/YE     |
| 1210180484            | A             | 3             | 5            | 18 AWG               | PVC CSA/UL 2661      | Black           | 7.8±0.25           | BN, BU, BK, WH, GN/YE |
| 1210180351            | B             | 3             | 2            | 18 AWG               | PUR CSA/UL 20668     | Black           | 6.2±0.2            | BN, BU                |
| 1210180127            | B             | 3             | 3            | 18 AWG               | PUR CSA/UL 20668     | Black           | 6.5±0.2            | BN, BU, GN/YE         |
| 1210180160            | B             | 3             | 4            | 18 AWG               | PUR CSA/UL 20668     | Black           | 7±0.2              | BN, BU, BK, GN/YE     |
| 1210180463            | B             | 3             | 5            | 18 AWG               | PUR CSA/UL 20668     | Black           | 7.8±0.25           | BN, BU, BK, WH, GN/YE |
| 1210180073            | D             | 3             | 3            | 0.75 mm <sup>2</sup> | PVC CEI 20-20        | Grey            | 6.5±0.2            | BN, BU, GN/YE         |
| 1210180145            | D             | 3             | 4            | 0.75 mm <sup>2</sup> | PVC CEI 20-20        | Grey            | 7.1±0.2            | BN, BU, BK, GN/YE     |
| 1202098206            | I             | 3             | 2            | 0.75 mm <sup>2</sup> | PVC CEI 2022 II O.R. | Grey            | 5.5±0.2            | BK1, BK2              |
| 1210180120            | I             | 3             | 3            | 0.75 mm <sup>2</sup> | PVC CEI 2022 II O.R. | Grey            | 6.0±0.2            | BK1, BK2, BK3         |
| 1210180143            | I             | 3             | 4            | 0.75 mm <sup>2</sup> | PVC CEI 2022 II O.R. | Grey            | 7.0±0.2            | BN, BU, BK, GN/YE     |
| 1210180032            | N             | 3             | 2            | 0.75 mm <sup>2</sup> | PVC H05VV-F          | Black           | 6.2±0.2            | BN, BU                |
| 1210180069            | N             | 3             | 3            | 0.75 mm <sup>2</sup> | PVC H05VV-F          | Black           | 6.5±0.2            | BN, BU, GN/YE         |
| 1210180144            | N             | 3             | 4            | 0.75 mm <sup>2</sup> | PVC H05VV-F          | Black           | 7.1±0.2            | BN, BU, BK, GN/YE     |
| 1210180174            | N             | 3             | 5            | 0.75 mm <sup>2</sup> | PVC H05VV-F          | Black           | 8.0+0.2/-0         | BN, BU, BK, GY, GN/YE |
| 1202094190            | P             | 3             | 2            | 0.75 mm <sup>2</sup> | PUR - BLEND          | Black           | 6.5±0.2            | BN, BU                |
| 1210180071            | P             | 3             | 3            | 0.75 mm <sup>2</sup> | PUR - BLEND          | Black           | 6.5±0.2            | BN, BU, GN/YE         |
| 1210180152            | P             | 3             | 4            | 0.75 mm <sup>2</sup> | PUR - BLEND          | Black           | 7.0±0.2            | BN, BU, BK, GN/YE     |

TABELA 2 KABLE / TABLE 2 CABLES

| Molex PN<br>Raw cable | Cable<br>type | Cable<br>code | Wires<br>no. | Cross<br>Section     | Jacket material      | Jacket<br>color | Diameter<br>Ø [mm] | Wire colors       |
|-----------------------|---------------|---------------|--------------|----------------------|----------------------|-----------------|--------------------|-------------------|
| 1210180384            | R             | 3             | 3            | 0.75 mm <sup>2</sup> | TPR HAL. FREE        | Black           | 6.5±0.2            | BN, BU, GN/YE     |
| 1210180094            | T             | 3             | 3            | 0.75 mm <sup>2</sup> | PUR CSA/UL 20668     | Yellow          | 6.5±0.2            | BN, BU, GN/YE     |
| 1210180309            | Y             | 3             | 3            | 0.75 mm <sup>2</sup> | SILICONE RUBBER      | Red             | 6.5±0.2            | BN, BU, GN/YE     |
| 1210180081            | F             | 4             | 3            | 1 mm <sup>2</sup>    | PVC ONOMO            | Grey            | 7.1+0.2/-0         | BK1, BK2, GN/YE   |
| 1210180042            | I             | 4             | 2            | 1 mm <sup>2</sup>    | PVC CEI 2022 II O.R. | Grey            | 7.1+0.2/-0         | BN, BU            |
| 1210180079            | I             | 4             | 3            | 1 mm <sup>2</sup>    | PVC CEI 2022 II O.R. | Grey            | 7.1+0.2/-0         | BN, BU, GN/YE     |
| 1210180036            | N             | 4             | 2            | 1 mm <sup>2</sup>    | PVC H05VV-F          | Black           | 6.5±0.2            | BN, BU            |
| 1210180082            | N             | 4             | 3            | 1 mm <sup>2</sup>    | PVC H05VV-F          | Black           | 6.9±0.2            | BN, BU, GN/YE     |
| 1210180117            | R             | 4             | 3            | 1 mm <sup>2</sup>    | TPR HAL. FREE        | Black           | 7.1±0.2            | BN, BU, GN/YE     |
| 1210180085            | N             | 5             | 3            | 1.5 mm <sup>2</sup>  | PVC H05VV-F          | Black           | 7.9±0.2            | BN, BU, GN/YE     |
| 1210180313            | I             | 6             | 2            | 0.35 mm <sup>2</sup> | PVC CEI 2011         | Grey            | 4.8±0.2            | BN, WH            |
| 1210180149            | I             | 9             | 4            | 0.75 mm <sup>2</sup> | PVC CEI 2022 II      | Grey            | 7.3±0.2            | BN, BU, BK, GN/YE |

TABLE 1 - CABLES TYPE

| Code | Cable types | Features                                                                                                                        | Cross Section                                                    |
|------|-------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| N    | PVC         | Application general purpose cable which has good resistance to water, but usually poor oil resistance.                          | 0.5 mm <sup>2</sup><br>0.75 mm <sup>2</sup><br>1 mm <sup>2</sup> |
| I    | CEI         | Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.                              | 0.5 mm <sup>2</sup><br>0.75 mm <sup>2</sup><br>1 mm <sup>2</sup> |
| P    | PUR         | Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.                                        | 0.5 mm <sup>2</sup><br>0.75 mm <sup>2</sup><br>1 mm <sup>2</sup> |
| A    | PVC CSA-UL  | Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance. | 20 AWG<br>18 AWG                                                 |
| B    | PUR CSA-UL  | Approved to CSA-UL 20668, very good resistance to oil and chemicals.                                                            | 20 AWG<br>18 AWG                                                 |

|                                                                                                                                        |                 |                                       |       |                            |                                                                                                                               |                    |                                                    |                        |           |  |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------|-------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------|------------------------|-----------|--|
| ORIGINAL RELEASE<br>EC NO: IPG2014-1897<br>DRWN: JMARSZALEK 2013/06/11<br>CHKD: DSTACHOWIAK 2014/05/07<br>APPR: MIWASIECZKO 2014/05/08 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |       | DIMENSION STYLE<br>MM ONLY |                                                                                                                               | SCALE<br>-         | DESIGN UNITS<br>METRIC                             | THIRD ANGLE PROJECTION |           |  |
|                                                                                                                                        | <br>            |                                       | mm    | INCH                       | DRAWN BY<br>JMARSZALEK                                                                                                        | DATE<br>2013/06/11 | TITLE<br>JUNIOR TIMER CONNECTORS<br>EJT1XXXXXXXXXX |                        |           |  |
|                                                                                                                                        |                 | 4 PLACES                              | ± --- | ± ---                      | CHECKED BY<br>DSTACHOWIAK                                                                                                     | DATE<br>2014/05/07 |                                                    |                        |           |  |
|                                                                                                                                        |                 | 3 PLACES                              | ± --- | ± ---                      | APPROVED BY<br>MIWASIECZKO                                                                                                    | DATE<br>2014/05/08 |                                                    |                        |           |  |
|                                                                                                                                        |                 | 2 PLACES                              | ± --- | ± ---                      | MATERIAL NO.                                                                                                                  |                    | DOCUMENT NO.                                       |                        | SHEET NO. |  |
|                                                                                                                                        |                 | 1 PLACE                               | ± --- | ± ---                      | MATRIX DRAWING                                                                                                                |                    | SD-121056-002                                      |                        | 2 OF 2    |  |
|                                                                                                                                        |                 | 0 PLACE                               | ± --- | ± ---                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                    |                        |           |  |