

| Pin | WIRE COLOR |
|-----|------------|
| 1   | BROWN      |
| 2   | -          |
| 3   | BLUE       |
| 4   | BLACK      |

| Pin | WIRE COLOR |
|-----|------------|
| 1   | BROWN      |
| 2   | WHITE      |
| 3   | BLUE       |
| 4   | BLACK      |

| Pin | WIRE COLOR |
|-----|------------|
| 1   | BROWN      |
| 2   | WHITE      |
| 3   | BLUE       |
| 4   | BLACK      |
| 5   | GREY       |

Thread M12x1 single-ended

Ø06 Plug male straight

3  
Insert 3 ways  
P/N 1202020007

4  
Insert 4 ways  
P/N 1202050008

Terminal  
P/N 1202050001

Cable types

E02 -PVC 0.25MM BK  
E03 -PVC 0.34MM BK  
H09 -PUR 0.34MM BK  
H09 -PUR 0.2MM GY  
I03 -PVC 0.34MM GY  
I12 -PVC 0.5MM  
I20 -PCV 0.34MM BK  
I26 -PVC 0.34MM GY  
K03 -TPU 18AWG YE  
K05 -PVC YELLOW  
P03 -PUR 0.34MM BK  
P04 -PUR 0.5 MM BK  
P12 -PVC YELLOW  
P20 -PUR 0.34MM BK  
P82 -PUR 0.34MM

Length unit  
C-cm  
M-m  
K-km  
F-feet

Length  
Value divided by 10  
250---->25

Coupling Nut

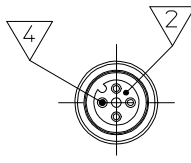
blank and 3-standard  
P/N 1202070008  
1 stainless steel  
P/N 1202070025  
5-derlin  
P/N 1203290004  
7-leflon coat  
P/N 1202070023

Plug material

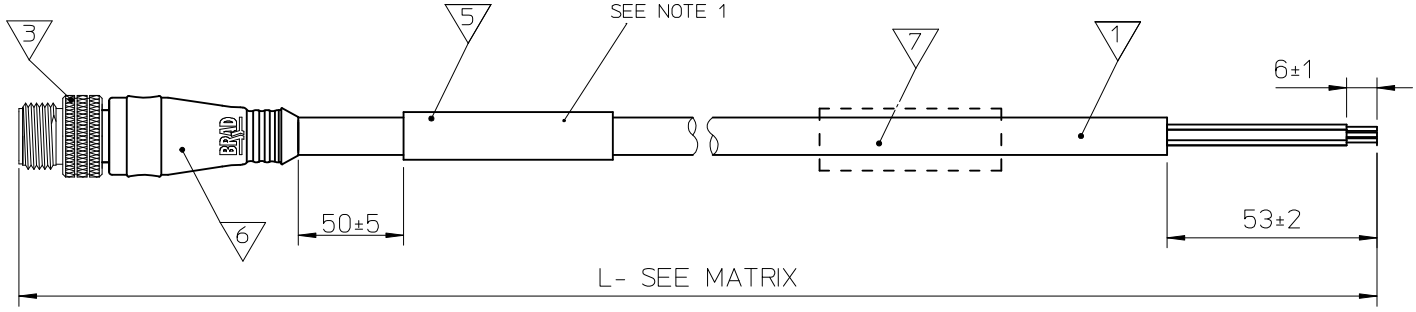
blank-standard (black)  
P/N 0899921504 + P/N 0967550216  
A-grey  
P/N 0899921504 + P/N 0967550211  
Y-yellow  
P/N 0899921504 + P/N 0967550209  
H-standard with 2x ID Carrier  
P/N 1203010001

Table of length tolerances

| Over  | Up to and including | Tolerance (+) |
|-------|---------------------|---------------|
| 0     | 305                 | +19           |
| 305   | 915                 | +45           |
| 915   | 1830                | +56           |
| 1830  | 3660                | +89           |
| 3660  | 7320                | +165          |
| 7320  | 14640               | +317          |
| 14640 | 30500               | +610          |
| 30500 | >                   | +2% of length |



VIEW FROM THE FRONT SIDE



NOTES:  
1. FOR CABLES IXX PRINTING ON CABLE

Bill of Materials

| ITEM | QTY. | DESCRIPTION      | MATERIAL   | FINISH     |
|------|------|------------------|------------|------------|
| 7    | -    | ID CARRIER       | SEE MATRIX | SEE MATRIX |
| 6    | -    | MOLDING MATERIAL | SEE MATRIX | SEE MATRIX |
| 5    | -    | LABEL            | SEE MATRIX | SEE MATRIX |
| 4    | -    | CONTACT          | SEE MATRIX | SEE MATRIX |
| 3    | 1    | COUPLING NUT     | SEE MATRIX | SEE MATRIX |
| 2    | 1    | INSERT           | SEE MATRIX | SEE MATRIX |
| 1    | -    | CABLE            | SEE MATRIX | SEE MATRIX |

|  |  |  |  |                                       |                               |   |                                   |                               |  |
|--|--|--|--|---------------------------------------|-------------------------------|---|-----------------------------------|-------------------------------|--|
| <p>ORIGINAL RELEASE</p> <p>EC NO: IPG2016-0305</p> <p>DRWIN:AKONDRACIUK 2015/08/27</p> <p>CHKD:FGAIK 2015/08/27</p> <p>APPR:MIWASIECZKO 2015/09/16</p> | <p>QUALITY SYMBOLS</p> <p>▽=0</p> <p>◻=0</p> | <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> |  | <p>DIMENSION STYLE</p> <p>MM ONLY</p> |                               | <p>SCALE</p> <p>---</p>                       | <p>DESIGN UNITS</p> <p>METRIC</p> | <p>THIRD ANGLE PROJECTION</p> |  |
|  |  | <p>4 PLACES ± --- ± ---</p>                  | <p>3 PLACES ± --- ± ---</p>  | <p>DRAWN BY</p> <p>AKONDRACIUK</p>    | <p>DATE</p> <p>2015/08/27</p> | <p>TITLE</p> <p>M12 SINGLE ENDED MALE STR</p> |                                   |                               |  |
|  |  | <p>2 PLACES ± --- ± ---</p>                  | <p>1 PLACE ± --- ± ---</p>   | <p>CHECKED BY</p> <p>FGAIK</p>        | <p>DATE</p> <p>2015/08/27</p> | <p>DOCUMENT NO.</p> <p>SD-120065-107</p>      |                                   |                               |  |
|  |  | <p>0 PLACE ± --- ± ---</p>                   | <p>ANGULAR ± 1 °</p>   | <p>APPROVED BY</p> <p>MIWASIECZKO</p> | <p>DATE</p> <p>2015/09/16</p> | <p>SHEET NO.</p> <p>1 OF 1</p>                |                                   |                               |  |
| <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>  |  | <p>SIZE</p> <p>A3</p>                        | <p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> |                                       |                               |   |                                   |                               |  |