



NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

OPTIONS

E

1

6

A

0

6

0

X

X

M

X

X

X

X

E=Ethernet

Heads:  
1=M12x1  
4P D-Code  
6=RJ45

Wiring  
type

Heads style:  
060=MA M12 STR  
/ RJ45 Plug STR

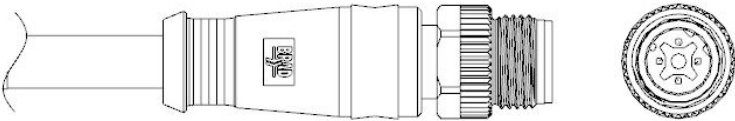
Cable type:  
See cable table

Units:  
M=Meter  
T=10x meter

Length  
Examples:  
005=0.5 units  
010=1 units  
150=15 units

H= 2 pcs. of  
I/D Carrier

FOR CABLE TYPE "12" & "16"  
KNURLED/HEXAGONAL NUT - 1202070090



CABLE INFORMATION (for more information see Cable Data Sheet).

| CABLE TYPE | CABLE O.D. | APPLICATION     | CROSS SECTION | CABLE JACKET | UL          | TEMP. RANGE STATIC BENDING RADIUS STATIC | TEMP. RANGE DYNAMIC BENDING RADIUS DYNAMIC | CYCLES   | ADDITIONAL INFORMATION |
|------------|------------|-----------------|---------------|--------------|-------------|------------------------------------------|--------------------------------------------|----------|------------------------|
| 11         | Ø6.8mm     | PROFINET TYPE C | 22AWG         | PUR GREEN    | STYLE 20549 | -40°C to +80°C / min.5xO.D.              | -20°C to +70°C / min.7.5xO.D.              | about 2M | -                      |

TABLE 2

| CABLE LENGTH TOLERANCES |            |
|-------------------------|------------|
| LENGTH                  | TOLERANCE  |
| 0m-1m                   | +40 mm     |
| >1m-5m                  | +60 mm     |
| >5m-10m                 | +80 mm     |
| >10m-20m                | +140 mm    |
| >20m-30m                | +160 mm    |
| >30m                    | +1% length |

FUNCTIONAL SYMBOLS

FA

=

0

FE

=

0

FE

=

0

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL

±

1.0 °

4 PLACES

±

3 PLACES

±

2 PLACES

±

0.05

1 PLACE

±

0.1

0 PLACES

±

0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

120108

MATERIAL NUMBER

SEE SHEET 3

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

CURRENT REV DESC: CABLE AND STDS UPDATED

EC NO: 672185

DRWN: MDHARMANTI

CHK'D: RSILLER

APPR: RSILLER

2021/06/22

2021/09/20

2021/09/20

2020/05/12

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

2015/07/07

2020/05/12

DOCUMENT NUMBER

1201080256

DOC TYPE

PSD

DOC PART

000

REVISION

A5

molex

CSE M12 RJ45 4P DC MA STR MA STR XM

PRODUCT CUSTOMER DRAWING

