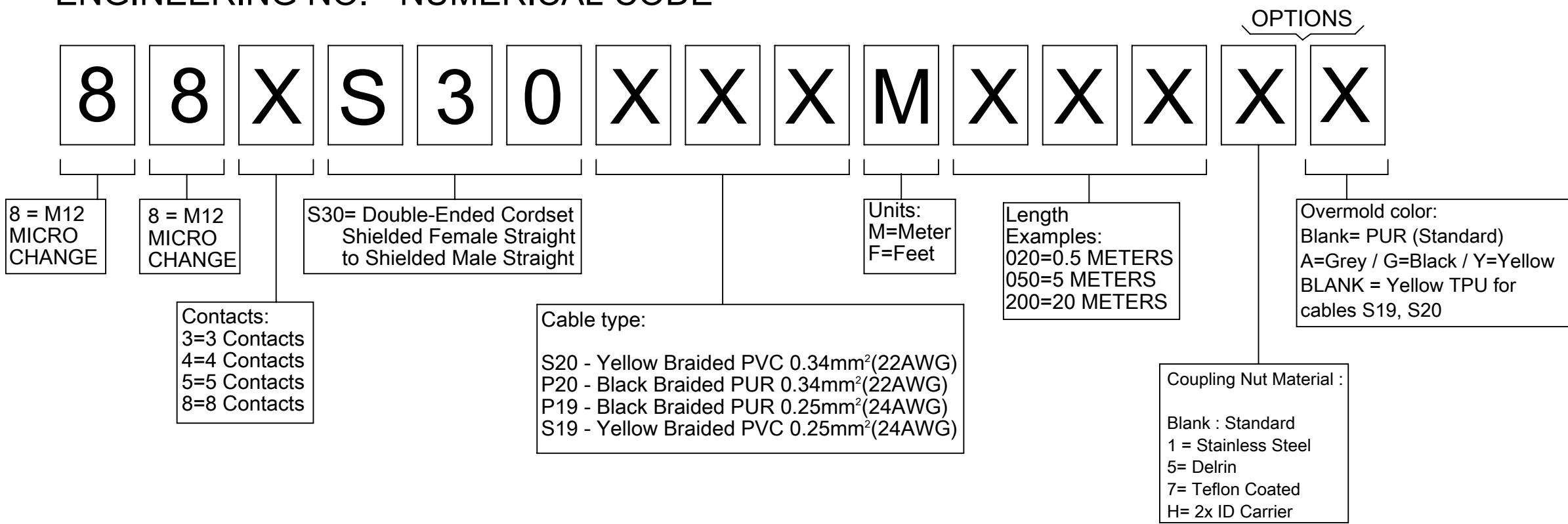




ENGINEERING NO. - NUMERICAL CODE



CABLE INFORMATION :

| CABLE TYPE | NO. OF WIRES | CROSS SECTION       | CABLE JACKET   | UL      | CSA       | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | DRAW CHAIN                                              | SHIELD |
|------------|--------------|---------------------|----------------|---------|-----------|--------------------------------|---------------------------------|---------------------------------------------------------|--------|
| P19        | 8            | 0.25mm <sup>2</sup> | PUR BLACK      | -       | -         | -40°C to +90°C, >7.5xO.D.      | -15°C to +90°C, >12.5xO.D.      | 2 000 000 cycles, Velocity = 120m/min ; bending 15XO.D. | YES    |
| P20        | 3/4/5        | 0.34mm <sup>2</sup> | PUR BLACK LSOH | -       | -         | -40°C to +90°C                 | -25°C to +90°C                  | -                                                       | YES    |
| S19        | 8            | 0.25mm <sup>2</sup> | PVC YELLOW     | UL 2661 | CSA C22.2 | -30°C to +105°C, 10xO.D.       | -15°C to +105°C, 15xO.D.        | 2 000 000 cycles , speed =4m/sec                        | YES    |
| S20        | 3/4/5        | 0.34mm <sup>2</sup> | PVC YELLOW     | UL 2661 | 1731-CSA  | -30°C to +105°C                | -40°C to +105°C                 | -                                                       | YES    |

CABLE LENGTH TOLERANCES

| OVER [mm] | UP TO AND INCLUDING [mm] | TOLERANCES [mm]        |
|-----------|--------------------------|------------------------|
| 0         | 305                      | +19                    |
| 305       | 915                      | +45                    |
| 915       | 1830                     | +56                    |
| 1830      | 3660                     | +89                    |
| 3660      | 7320                     | +165                   |
| 7320      | 14640                    | +317                   |
| 14640     | 30500                    | +610                   |
| 30500     | >                        | +2% of finished length |

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 ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

120069

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512871.

EC NO: 732259

DRWN: SANTHN

CHK'D: GGA

APPR: GGA

2022/12/15

2022/12/21

2022/12/21

2022/12/21

INITIAL REVISION:

DRWN: RSTONE

APPR: BWOODMAN

2017/01/04

2017/01/18

DOCUMENT NUMBER

SD-120069-041

DOC TYPE

PSD

DOC PART

001

REVISION

A5

moLEX

MICRO-CHANGE ASSEMBLY MALE/FEMALE, SHIELDED 3-8 POLE

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2022/12/21 07:37:43

FORMAT: master-b-prod-A3  
REVISION: 11  
DATE: 2021/05/01

## D

CD

## B

AA

FORMAT: master-tb-prod-A4  
REVISION: J1  
DATE: 2021/05/01