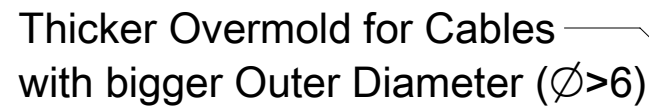


ENVIRONMENTAL:PROTECTION: IP67 IN MATED AND LOCKED POSITION



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CABLE B02 INFORMATION ADDED TO THE TABLE, NEW PN'S ADDED TO THE PART LIST					molex CSE M12 XP AC FE RA XM SE UNSH							
	mm		2:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 1.0 °																
	4 PLACES		±		EC NO: 801127 DRWN: RSCHIEBER 2024/10/14 CHK'D: RSILLER 2024/10/15 APPR: RSILLER 2024/10/15												
	3 PLACES		±														
	2 PLACES		± 0.05														
	1 PLACE		± 0.3		INITIAL REVISION: DRWN: SSM 2021/12/13 APPR: RSILLER 2022/02/28					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	0 PLACES		± 0.5							1200656607		PSD		000		B1	
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								A3-SIZE		120065		SEE SHEET 3		GENERAL MARKET		1 OF 3	

CODING REQUIRED TO IEC 61076-2-101

FORMAT: master-tb-prod-A3

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

8

0

X

0

0

1

X

X

X

X

X

X

X

X

80=M12x1
Single ended

Contacts:
3=3 Contacts
4=4 Contacts
5=5 Contacts
8=8 Contacts

Heads style:
001=Plug Female
90° Angled

Cable type: See Table

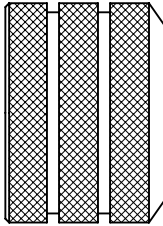
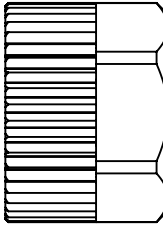
Units:
M=Meter

Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

OVERMOLD COLOR:
BLANK (STANDARD)= BLACK
Y= YELLOW, A= GREY,
G= BLACK, R= RED

COUPLING NUT:
BLANK (STANDARD)= KNURLED
/HEX BRASS, Ni PLATED
7 = KNURLED BRASS, Ni PLATED,
TEFLON COATED
5 = KNURLED DERLIN

H = 2 pcs. of I/D Carrier
PVC Transparent
(Cables B36 always with
2 pcs. I/D Carrier)



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

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN TESTED	OTHER	CABLE SPEC. DRAWING
B30	3 / 4 / 5	0.34mm²	TPU BLACK	STYLE 21215	YES	-40°C to +90°C, 5xO.D.	-25°C to +80°C, 7.5xO.D.	5 MIO CYCLES	WELD SLAG RESISTANCE	SD-120209-001
B42	5									SD-120209-001
B41	8	0.25mm²	TPU ORANGE							SD-120209-006
B36	4	0.34mm²								SD-120209-001
B33	4 / 5	0.34mm²	TPU GRAY							SD-120209-001
B55	4 / 5	0.34mm²	TPU YELLOW							1552200001 PS
B02	4	0.75mm²	PUR YELLOW	STYLE 20549	YES	-	-	-	-	86-1842

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

SCALE

CURRENT REV DESC: CABLE B02 INFORMATION
ADDED TO THE TABLE, NEW PN'S ADDED TO THE
PART LIST

mm

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

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

EC NO: 801127

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

INITIAL REVISION:

DRWN: SSM

APPR: RSILLER

2024/10/14

2024/10/15

2024/10/15

2021/12/13

2022/02/28

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

1200656607

PSD

000

B1

A3-SIZE

120065

SEE SHEET 3

GENERAL MARKET

2 OF 3

moLEX

CSE M12 XP AC FE RA XM SE UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT STATUS

P1

RELEASE DATE

2024/10/15

11:44:50

FORMAT: m8888-16-000-A3

REVISION: 1

DATE: 2020/01/11

10

9

8

7

6

5

4

3

2

1

