

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

8840P6B3XXXXXX

OPTIONS

88 = M12x1
Double ended

Poles:
4 = 4 Poles

Heads style:
0P6 = Female Straight
PNP LED / Male Straight

Cable:
B30 = 0.34mm² TPU Black
B36 = 0.34mm² TPU Orange

Units:
M = Meter

Length
Examples:
005 = 0.5 m
010 = 1 m
020 = 2 m
050 = 5 m
100 = 10 m
150 = 15 m
200 = 20 m

Special:
H=2pcs. of I/D Carrier
Coupling Nut:
Blank= KNU/HEX
7=Teflon KNU
Overmould:
Blank= Black
A=Grey
Y=Yellow

CABLE LIST

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAW CHAIN	SHIELD
B30	4	0.34mm²	TPU BLACK	UL STYLE 21215	YES	-40°C to +90°C, 5xD	-25°C to +80°C, 7.5xD	-	-
B36	4	0.34mm²	TPU ORANGE	UL STYLE 21215	YES	-40°C to +90°C, 5xD	-25°C to +80°C, 7.5xD	-	-

PART LIST

MOLEX PN	ENGINEERING No	L [mm]
4P CABLE B30		
1200678423	8840P6B30M010	1000
1200678424	8840P6B30M020	2000
1200678478	8840P6B30M030	3000
1200678425	8840P6B30M050	5000
1200678426	8840P6B30M100	10000
4P CABLE B36		
1200678489	8840P6B36M0107Y	1000
1200678490	8840P6B36M0207Y	2000
1200678491	8840P6B36M0307Y	3000
1200678492	8840P6B36M0507Y	5000
1200678493	8840P6B36M1007Y	10000
1200678494	8840P6B36M1507Y	15000
1200678495	8840P6B36M2007Y	20000

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

CURRENT REV DESC: AS PER THE PCN-513749 CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END". ADDED NOTES. SORTED PART LIST USING CABLE TYPES ON SHEET 2

EC NO: 789428

DRWN: AKABADI

CHK'D: RSILLER

APPR: RSILLER

INITIAL REVISION:

DRWN: APAWLAK01

APPR: MIWASIECZKO

2023/08/09

2024/07/02

2024/07/02

2016/05/16

2016/05/20

moLEX

CSE M12 PNP 4P AC FE STR WSOR MA STR XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200678423

DOC TYPE

PSD

DOC PART

000

REVISION

B

MATERIAL NUMBER

SEE PART LIST

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

THIRD ANGLE PROJECTION

DRAWING

SERIES

A3-SIZE

120067

DOCUMENT STATUS

P1

RELEASE DATE

2024/07/02

09:18:11

FORMAT: master-b-prod-A3

REVISION: 11

DATE: 2021/05/01

9

8

7

6

5

4

3

2

1