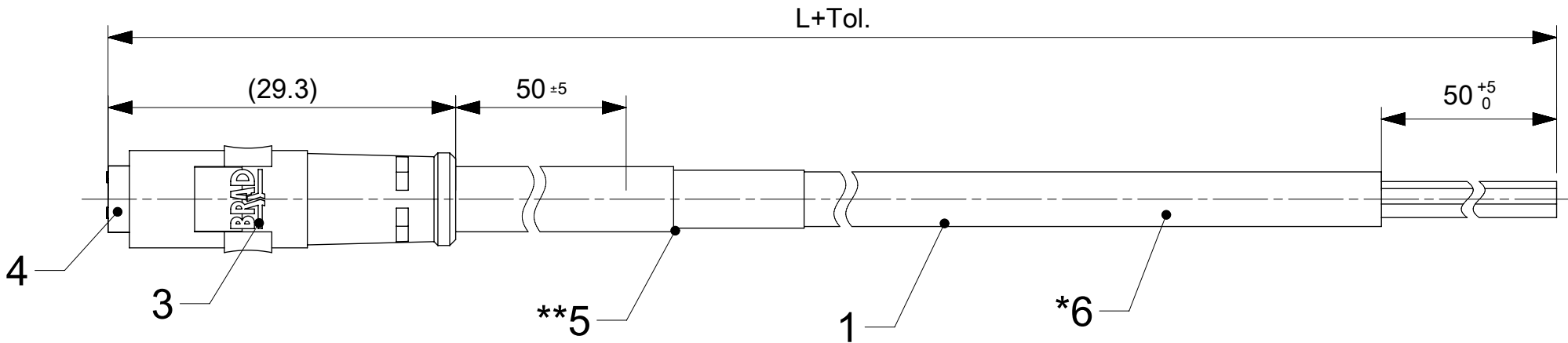




* ADD 2xID CARRIER FOR CABLE I02 OR FOR PN WITH "H" AT THE END OF THE ENGINEERING No
** FOR CABLE I02 PRINTING ON THE CABLE: ENGINEERING No

NOTES:
RATED VOLTAGE: 60V AC / 75V DC
RATED CURRENT: 4A
PROTECTION CLASS: IP67
TEMPERATURE: -25°C / +80°C
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

CONTACT POSITION FRONT VIEW:

3 POLES (2 WIRES)		3 POLES		4 POLES	
PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN
2	---	2	---	2	WHITE
3	BLUE	3	BLUE	3	BLUE
4	N/U	4	BLACK	4	BLACK
5	---	5	---	5	---

BILL OF MATERIAL

POS	QTY	DESCRIPTION	MATERIAL	FINISH
1	-	CABLE	SEE SHEET 2	SEE SHEET 2
2	3 / 4	CONTACT FEMALE	CuNi2Si	Cu/Ni2
3	-	OVERMOLD	TPU	BLACK
4	1	INSERT FEMALE	PUR	BLACK
**5	1	LABEL YELLOW	VINYL	-
	-	PRINTING FOR CABLES I02	-	-
*6	2	ID CARRIER FOR CABLES I02	PVC	-

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
= 0	mm	2:1
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
= 0		
DIVISIONAL SYMBOLS	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

ENGINEERING NO. - NUMERICAL CODE (Available parts see table 2. Other parts available upon request).

OPTIONS

50X000XXXMXXXX

50=Snap
Nano Change
Single Ended

Poles:
2=2 Poles
3=3 Poles
4=4 Poles

Heads style:
001=Plug Female
90° Angled

Cable type: See Table 2

Unit:
M=Meter

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

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

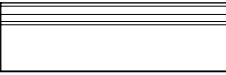


TABLE 2

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN
E02	3 / 4	0.25mm²	PVC BLACK	UL 1729/2464	C22.2 I/II A/B 80°C 300V	-30°C to +80°C / 10xO.D.	-10°C to +80°C / 15xO.D.	-
H08	3 / 4	0.25mm²	PUR BLACK LS0H	UL 10493/21198	C22.2 I/II A/B 80°C 300V	-40°C to +80°C / 5xO.D.	-25°C to +80°C / 10xO.D.	2 000 000 cycles, Temp max 60°C
I02	2 / 3 / 4	0.25mm²	PVC (CEI) GREY	-	-	-30°C to +70°C	-5°C to +70°C	-
P02	3 / 4	0.25mm²	PUR / PVC BLACK	-	-	-30°C to +80°C / 7xO.D.	-5°C to +80°C / 15xO.D.	-

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

DOCUMENT STATUS	P1	RELEASE DATE	2023/11/30	13:31:10
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FUNCTIONAL SYMBOLS FA= 0 FE= 0 FE= 0 FE= 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: PACKAGING SPEC ADDED		molex			
	DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		NC XP FE ST XM SNAP			
	mm	1:1	ANGULAR TOL ± 1.0 °		EC NO: 770174 DRWN: RSCHIEBER 2023/11/20 CHK'D: RSILLER 2023/11/30 APPR: RSILLER 2023/11/30			
	4 PLACES	±	INITIAL REVISION:		PRODUCT CUSTOMER DRAWING			
	3 PLACES	±	DRWN: AKONDRACIUK 2017/06/07 APPR: MIWASIECZKO 2017/06/08		DOCUMENT NUMBER		DOC TYPE	DOC PART
	2 PLACES	± 0.05			1200888001		PSD	000
	1 PLACE	± 0.3						A2
	0 PLACES	± 0.5						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	
				A3-SIZE	120088	SEE SHEET 3	GENERAL MARKET	
						SHEET NUMBER		2 OF 3

PART LIST

No	Part No	Engineering No	Cable Length
1	1200888001	503000E02M020	2m
2	1200888002	503000E02M050	5m
3	1200888095	504000E02M020	2m
4	1200888166	504000E02M005	0.5m
5	1200888096	504000E02M100	10m
6	1200888133	503000E02M005	0.5m
7	1200888156	504000E02M200	20m
8	1200888187	503000E02M200	20m
9	1200888188	503000E02M300	30m
10	1200888211	503000E02M010	1m
11	1200888006	503000I02M050	5m
12	1200888078	503000I02M020	2m
13	1200888098	504000I02M100	10m
14	1200888079	503000I02M040	4m
15	1200888080	503000I02M100	10m
16	1200888097	504000I02M050	5m
17	1200888066	503000H08M007	0.7m
18	1200888077	503000H08M050	5m
19	1200888121	504000H08M020	2m
20	1200888122	503000H08M020	2m
21	1200888191	503000H08M100	10m
22	1200888192	503000H08M300	30m
23	1200888083	503000P02M020	2m
24	1200888084	503000P02M050	5m
25	1200888085	503000P02M100	10m
26	1200888081	503000P02M008	0.8m
27	1200888082	503000P02M012	1.2m
28	1200888099	504000P02M050	5m
29	1200888123	504000P02M020	2m
30	1200888003	503000E02M100	10m
31			
32			
33			
34			
35			

FUNCTIONAL SYMBOLS

= 0

= 0

= 0

DIVISIONAL SYMBOLS

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
120088

CURRENT REV DESC: PACKAGING SPEC ADDED

EC NO: 770174

DRWN: RSCHIEBER 2023/11/20

CHK'D: RSILLER 2023/11/30

APPR: RSILLER 2023/11/30

INITIAL REVISION:

DRWN: AKONDRACIUK 2017/06/07

APPR: MIWASIECZKO 2017/06/08

molex

NC XP FE ST XM SNAP

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
1200888001

DOC TYPE
PSD

DOC PART
000

REVISION
A2

MATERIAL NUMBER
SEE PART LIST

CUSTOMER
GENERAL MARKET

SHEET NUMBER
3 OF 3

DOCUMENT STATUS

P1

RELEASE DATE

2023/11/30

13:31:10

FORMAT master-b-prod-A3 REVISION 11 DATE: 2021/05/01										9	8	7	6	5	4	3	2	1
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[illegible]