



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

OPTIONS

44X030BXXXXX

44=Nano-Change  
M8x1  
Double ended

Poles:  
3=3 Contacts  
4=4 Contacts  
5=5 Contacts

Heads style:  
030=Plug Female Straight  
to Plug Male Straight

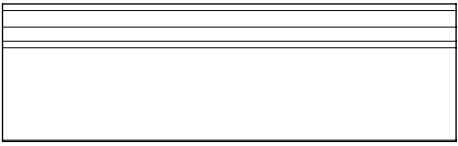
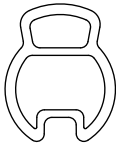
Cable type: See Table

Units:  
M=Meter  
C=Centimeter

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

Overmold color:  
Blank (Standard)=Black

H= 2 pcs. of  
I/D Carrier PVC Transparent



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: TEMP. / BENDING RADIUS	DRAG CHAIN	CABLE PRODUCT SPECIFICATION	CABLE SPEC. DRAWING
B41	3 / 4 / 5	0.25mm²	TPU Black	UL 21215/758	C22.2 I/II A/B 80°/600V	-40°C to +90°C 5xO.D.	-25°C to +80°C 7.5xO.D.	-5°C to +60°C 7.5xO.D.	up to 5 000 000 cycles at temp 20°C	1552200001	SD-120209-001
B55	3 / 4	0.34mm²	TPU Yellow								n/a

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

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW P/N'S ADDED				<div>molex</div>							
		mm		2:1													
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 634961				CSE M8 M8 XP AC BC FE STR WSOR MA STR XM							
	= 0																
	= 0	ANGULAR TOL ± 1.0 °				DRWN: RSCHIEBER 2020/03/30				PRODUCT CUSTOMER DRAWING							
	= 0	4 PLACES ±				CHK'D: RSILLER 2020/03/30											
	= 0	3 PLACES ±				APPR: RSILLER 2020/03/30											
	= 0	2 PLACES ± 0.05				INITIAL REVISION:				DOCUMENT NUMBER 1200878716							
	= 0	1 PLACE ± 0.3				DRWN: JMARSZALEK 2016/09/13								DOC TYPE PSD		DOC PART 000	
	= 0	0 PLACES ± 0.5				APPR: RSILLER 2018/12/10				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE SHEET 3		GENERAL MARKET		2 OF 3	
	= 0							A3-SIZE		120087							

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/30	15:39:16
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# PART LIST














No.	Molex PN.	Engineering No.	Cable Length
1	1200878703	443030B41M006	0.6m
2	1200878704	443030B41M010	1m
3	1200878705	443030B41M020	2m
4	1200878706	443030B41M030	3m
5	1200878707	443030B41M050	5m
6	1200878708	443030B41M100	10m
7	1200878709	444030B41M006	0.6m
8	1200878710	444030B41M010	1m
9	1200878711	444030B41M020	2m
10	1200878712	444030B41M030	3m
11	1200878713	444030B41M050	5m
12	1200878714	444030B41M100	10m
13	1200878715	445030B41M006	0.6m
14	1200878716	445030B41M010	1m
15	1200878717	445030B41M020	2m
16	1200878718	445030B41M030	3m
17	1200878719	445030B41M050	5m
18	1200878720	445030B41M100	10m
19	1200878854	443030B41M005H	0.5m
20	1200878855	443030B41M010H	1m
21	1200878856	443030B41M020H	2m
22	1200878857	443030B41M030H	3m
23	1200878858	443030B41M050H	5m
24	1200878859	443030B41M100H	10m
25	1200878860	443030B41M150H	15m
26	1200878905	444030B41M005H	0.5m
27	1200878907	443030B41M200H	20m
28	1200878908	443030B41M250H	25m
29	1200878920	444030B55M020	2m
30	1200878921	444030B55M050	5m
31	1200878975	443030B41M070	7m
32	1200878976	443030B41M060	6m
33	1200878977	443030B41M080	8m
34	1200878972	444030B41M003	0.3m
35	1200878973	443030B41M150	15m

No.	Molex PN.	Engineering No.	Cable Length
36	1200878956	443030B41M015	1.5m
37	1200878974	443030B41M040	4m
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No.	Molex PN.	Engineering No.	Cable Length
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No.	Molex PN.	Engineering No.	Cable Length
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	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW P/N'S ADDED				<div>molex</div>							
	= 0	mm		1:1													
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 634961 DRWN: RSCHIEBER 2020/03/30 CHK'D: RSILLER 2020/03/30 APPR: RSILLER 2020/03/30				CSE M8 M8 XP AC BC FE STR WSOR MA STR XM							
	= 0																
	= 0	ANGULAR TOL ± 1.0 °				INITIAL REVISION: DRWN: JMARSZALEK 2016/09/13 APPR: RSILLER 2018/12/10				PRODUCT CUSTOMER DRAWING							
	= 0	4 PLACES ±															
	= 0	3 PLACES ±				DOCUMENT NUMBER <div>1200878716</div>				DOC TYPE PSD		DOC PART 000		REVISION A4			
	= 0	2 PLACES ± 0.05															
	= 0	1 PLACE ± 0.3				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 				DRAWING A3-SIZE		SERIES 120087	
	= 0	0 PLACES ± 0.5															
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NUMBER SEE SHEET 3				CUSTOMER GENERAL MARKET				SHEET NUMBER 3 OF 3			
	= 0																