

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

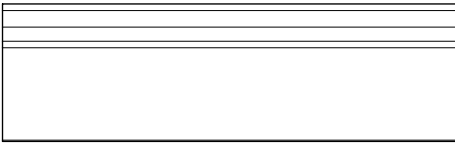
Cable type: See Table

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	
	DIMENSION UNITS	SCALE
	mm	2:1
	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
	120087	MATERIAL NUMBER
	SEE SHEET 3	CUSTOMER
	GENERAL MARKET	SHEET NUMBER
	2 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2021/12/07	06:44:43
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No.	Molex PN.	Engineering No.	Cable Length
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FORMAT: master-tb-mod-A3
REVISION: H 10

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ◻ = 0 ■ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: NEW P/N'S ADDED			molex							
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 687807 DRWN: RSCHIEBER2021/12/01 CHK'D: RSILLER2021/12/07 APPR: RSILLER2021/12/07			CSE M8 M8 XP AC BC FE STR WSOR MA STR XM							
	ANGULAR TOL ± 1.0°														
	4 PLACES ±														
	3 PLACES ±				INITIAL REVISION: DRWN: JMARSZALEK2016/09/13 APPR: RSILLER2018/12/10			PRODUCT CUSTOMER DRAWING							
2 PLACES ± 0.05				DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION					
1 PLACE ± 0.3				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
0 PLACES ± 0.5															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		120087		SEE SHEET 3		GENERAL MARKET		3 OF 3	