

Connector Catalog Number Matrix

Below is an example of a properly constructed Connector part number and how it translates to an actual part.

113020A01F2001

Mini-Change® 3 Pole Female Straight to Male Straight Double-Ended Cordset with 20' of 16 AWG, ST00W-A, U.S. Color Code, Stainless Steel Coupling Nut

1 1 3 0 2 0 A 0 1 F 2 0 0 1

										LENGTH 1st Digit 10 X Length 2nd Digit 1 X Length 3rd Digit .1 X Length	
										UNIT OF MEASURE F Feet	
										CABLE TYPE A01 16 AWG Type ST00W U.S. Color Code 2P-12P A02 16 AWG Type ST00W AUTO Color Code 3P&5P A03 18 AWG PVC Jacket AUTO Color Code 3P-5P A05 18 AWG PVC Jacket IEC DC Color Code 3P&4P A06 18 AWG PVC Jacket IEC AC Color Code 3P A07 20 AWG PVC Jacket IEC AC Color Code 5P B13 18 AWG PUR Coil Cord AUTO Color Code 3P&5P C01 16 AWG Type SOO AUTO Color Code 3P-5P K02 18 AWG TPE Jacket AUTO Color Code 3P&5P	
										CONNECTOR TYPE Single-Ended Cordset 000 Female Straight 001 Female 90° 002 Male Straight 003 Male 90° Double-Ended Cordset 020 Female Straight - Male Straight 021 Female 90° - Male Straight 022 Female Straight - Male 90° 023 Female 90° - Male 90°	
										NUMBER OF POLES X X Pole: 2 to 9 Pole 1 10 Pole C-size only 2 12 Pole C-size only	
										COUPLING NUT Blank Zinc Diecast, epoxy coat 1 Stainless Steel, Type 303 2 Non-Metallic Nylon 6/6 (2P - 6P, A-size only)	
PRODUCT FAMILY (2 characters) 1 st Character 1 2 to 6 Pole 1" Coupler A-size 2 6 to 8 Pole 1½" Coupler B-size 3 9, 10, 12 Pole 1¼" Coupler C-size 2 nd Character 0 Single-Ended Cordset A, B & C sizes 1 Double-Ended Cordset A-size 2 Double-Ended Cordset B-size 3 Double-Ended Cordset C-size											

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1 1 3 0 2 0 A 0 1 F 2 0 0 1

LENGTH	
1st Digit	10 X Length
2nd Digit	1 X Length
3rd Digit	.1 X Length

UNIT OF MEASURE	
F	Feet

CABLE TYPE	
A01	16 AWG Type ST00W U.S. Color Code 2P-12P
A02	16 AWG Type ST00W AUTO Color Code 3P&5P
A03	18 AWG PVC Jacket AUTO Color Code 3P-5P
A05	18 AWG PVC Jacket IEC DC Color Code 3P&4P
A06	18 AWG PVC Jacket IEC AC Color Code 3P
A07	20 AWG PVC Jacket IEC AC Color Code 5P
B13	18 AWG PUR Coil Cord AUTO Color Code 3P&5P
C01	16 AWG Type SOO AUTO Color Code 3P-5P
K02	18 AWG TPE Jacket AUTO Color Code 3P&5P

CONNECTOR TYPE	
Single-Ended Cordset	
000	Female Straight
001	Female 90°
002	Male Straight
003	Male 90°
Double-Ended Cordset	
020	Female Straight - Male Straight
021	Female 90° - Male Straight
022	Female Straight - Male 90°
023	Female 90° - Male 90°

NUMBER OF POLES	
X	X Pole: 2 to 9 Pole
1	10 Pole C-size only
2	12 Pole C-size only

PRODUCT FAMILY (2 characters)	
1 st Character	
1	2 to 6 Pole 1" Coupler A-size
2	6 to 8 Pole 1½" Coupler B-size
3	9, 10, 12 Pole 1¼" Coupler C-size
2 nd Character	
0	Single-Ended Cordset A, B & C sizes
1	Double-Ended Cordset A-size
2	Double-Ended Cordset B-size
3	Double-Ended Cordset C-size

COUPLING NUT	
Blank	Zinc Diecast, epoxy coat
1	Stainless Steel, Type 303
2	Non-Metallic Nylon 6/6 (2P - 6P, A-size only)

Brad® Power Drop/Branch Double-Ended Cordsets

130062 Threaded Female Straight-to-Male Straight



Features and Benefits

- Meets NFPA 79-2012 standard for motor and branch circuits
- UL 2237 (PVVA) listed

Reference Information

UL File No.: E258922

Electrical

Voltage: 600V AC/DC

Physical

Connector Face: PVC
 Connector Body: PVC
 Contact: Brass with Gold over Nickel plating
 Cable: A45—UL Type STOOW/TC-ER 16 AWG
 A46—UL Type STOOW/TC-ER 14 AWG
 Cable Jacket: PVC
 Cable Jacket Color: Gray
 Coupling Nut: Black epoxy-coated Zinc
 Operating Temperature: -20 to +105° C

Environmental

Protection: IP67, IP68 and IP69K (with Stainless Steel)

Poles (Male View)	Current	Cable Type	Cable Jacket (Cable Code)	Wire Size AWG	Length	Female Straight-to-Male Straight	
						Engineering No.	Standard Order No.
3 Pole 1 - Green/Yellow-gnd 2 - Black 3 - White	13.0A	STOOW/TC-ER	PVC (A45)	16	2.0m	113030A45M020	130062-0032
	15.0A		PVC (A46)	14		113030A46M020	130062-0047
4 Pole 1 - Black 2 - White 3 - Red 4 - Green/Yellow-gnd	10.0A	STOOW/TC-ER	PVC (A45)	16	2.0m	114030A45M020	130062-0088
	15.0A		PVC (A46)	14		114030A46M020	130062-0124

Note: Sales drawings for all standard order numbers are available on molex.com

Configuration Code*
Build-a-Part Number

	Length	Code
Meters	2	M020
	5	M050
	10	M100

113030A45M0208

Coupling Nut Option
Stainless Steel 8

Cable Code

Orientation Code

- Straight female-to-straight male 030
- Right angle female-to-straight male 031
- Straight female-to-right angle male. 032
- Right angle female-to-right angle male . . . 033

*Once an engineering number is created using the configuration code, consult Molex tech support for information regarding any part numbers.