

PART No MATRIX

Y

Y

X

0

3

2

X

x

>

✶

X

1

1

1

[illegible]

OPTIONS

YY= ULTRA LOCK 2.0
DOUBLE ENDED

POLES:
3 = 3 POLES
4 = 4 POLES
5 = 5 POLES

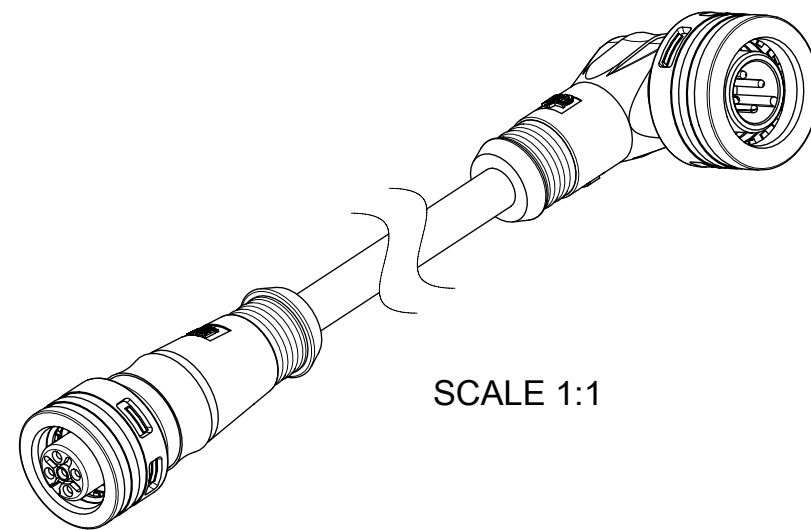
HEADER :
032= FEMALE STRAIGHT
-MALE RIGHT ANGLE

CABLE:
E03 - 3/4/5x0.34 PVC BLACK
B30 - 3/4/5x0.34 WSOR BLACK
H09 - 3/4/5x0.34 PUR-LS0H BLACK

UNIT:
M = METER
F = FEET
C = CENTIMETER
T = 10M

LENGTH:
EXAMPLE:
010 = 1 m
050 = 5 m
100 = 10 m

OVERMOLD:
BLANK = STANDARD BRAD:
-YELLOW IN THE USA
-BLACK IN EUROPE
A = GREY
E = RED
G = BLACK
Y = YELLOW
H = STD. COLOUR WITH TWO
ID-TAG CARRIERS



SCALE 1:1

CABLE LIST

3P	4P	5P	CABLE TYPE	DESCRIPTION	MATERIAL	FINISH/COLOR	FIXED INSTALLATION *		FLEXIBLE INSTALLATION **		DRAG CHAIN	
							MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
X			E03	CABLE PVC, BLK 3X0.34MM D4.9	PVC	BLACK	-30°C	+80°C	-10°C	+80°C	NOT SUITABLE	
	X			CABLE PVC, BLK 4X0.34MM D5.4								
		X		CABLE PVC, BLK 5X0.34MM(UL/CSA) D5.8								
X			B30	CABLE 3X0.34 TPU BK D4.80 TPE UNSH DCS	PUR WSOR	BLACK	-40°C	+90°C	-25°C	+80°C	-5°C	+60°C
	X			CABLE 4X0.34 TPU BK D5.10 TPE UNSH DCS								
		X		CABLE 5X0.34 TPU BK D5.50 TPE UNSH DCS								
X			H09	CABLE PUR;BLK 3X0.34MM-LSOH;UL D4.4	PUR-LS0H	BLACK	-40°C	+80°C	-25°C	+80°C	+5°C	+60°C
	X			CABLE PUR;BLK 4X0.34MM-LSOH;UL D4.7								
		X		CABLE PUR BLK 5X0.34MM LSZH UL D5.0								

* FIXED POSITION WITHOUT ACCIDENTAL CRUSHING OF VIBRATION.

**** FREE MOTION WITHOUT PERIODIC RECURRENCE OR FORCED GUIDANCE.**

PART LIST

MOLEX NO.	ENGINEERING NO.	LENGTH (MM)
1204010073	YY4032E03M010	1000
1204010074	YY4032E03M020	2000
1204010075	YY4032E03M050	5000
1204010076	YY4032E03M100	10000
1204010077	YY4032B30M010	1000
1204010078	YY4032B30M020	2000
1204010079	YY4032B30M050	5000
1204010080	YY4032B30M100	10000
1204010081	YY4032H09M010	1000
1204010082	YY4032H09M020	2000
1204010083	YY4032H09M050	5000
1204010084	YY4032H09M100	10000
1204010085	YY5032E03M010	1000
1204010086	YY5032E03M020	2000
1204010087	YY5032E03M050	5000
1204010088	YY5032E03M100	10000
1204010089	YY5032B30M010	1000
1204010090	YY5032B30M020	2000
1204010091	YY5032B30M050	5000
1204010092	YY5032B30M100	10000
1204010093	YY5032H09M010	1000
1204010094	YY5032H09M020	2000
1204010095	YY5032H09M050	5000
1204010096	YY5032H09M100	10000

BILL OF MATERIAL

3P	4P	5P	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
X	X	X	1	-	CABLE	SEE CABLE LIST	SEE CABLE LIST
X	X	X	2	3/4/5	CONTACT 10 FE STA AU	BRASS	GOLD OVER NICKEL PLATED
X			3	1	PLG U12 3P AC FE PA UNSH	-	-
	X				PLG U12 4P AC FE PA UNSH		
		X			PLG U12 5P AC FE PA UNSH		
X	X	X	4	2	OVERMOLD	TPC	SEE MATRIX
X	X	X	5	3/4/5	CONTACT 10 MA STA NI AU	COPPER ALLOY	GOLD OVER NICKEL PLATED
X			6	1	PLG U12 3P AC MA PA UNSH WT	-	-
	X				PLG U12 4P AC MA PA UNSH WT		
		X			PLG U12 5P AC MA PA UNSH WT		
IF "H" IS IN MATRIX-END			7	2	I/D CARRIER DIA 4-7MMX30MM	PVC	TRANSPARENT

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 F A = 0 F E = 0 F E = 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		SCALE		CURRENT REV DESC: NOTES AND CABLE LIST UPDATED					molex CSE U12 4-5P AC FE STR MA RA XM DE UNSH BK					
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 736602 DRWN: RSCHIEBER2023/01/26 CHK'D: RSILLER2023/01/31 APPR: RSILLER2023/01/31										PRODUCT CUSTOMER DRAWING
	ANGULAR TOL ± 1.0°														
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.05							INITIAL REVISION: DRWN: MDHARMANTI2021/03/18 APPR: RSILLER2022/10/14					DOCUMENT NUMBER
	1 PLACE		± 0.3		1204010073		PSD	000	A1						
	0 PLACES		± 0.5												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120401		SEE PART LIST		GENERAL MARKET		2 OF 2	