

3 POLE
M12 MALE

PIN	WIRE COLOR
1	BN
2	-
3	BU
4	BK
5	-

4 POLE
M12 MALE

PIN	WIRE COLOR
1	BN
2	WH
3	BU
4	BK
5	-

5 POLE
M12 MALE

PIN	WIRE COLOR
1	BN
2	WH
3	BU
4	BK
5	GY

PART No MATRIX

Y0X006XXX

Y0= ULTRA LOCK 2.0 SINGLE ENDED

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

HEADER:
006= MALE STR

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

CODING ACCORDING TO IEC 61076-2-101

5 POLE SHOWN

L+Tol. (SEE SHEET 2)

(45.8)

(100)

50⁺⁵₀

Ø (20.5)

1

2

3

4

CABLE PRINTING:
"MOLEX" "MOLEX P/N" "ENGINEERING NO." "MX CALENDER YEAR CALENDER WEEK"
SECOND PRINT 300mm. AWAY

FOR EXAMPLE: MOLEX 1204000061 Y05006E03M010 MX2038

NOTES:

1. PARTS ACC. TO PRODUCT SPECIFICATION 1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010

2. BOM & PART LIST - SEE SHEET 2

3. RATED VOLTAGE :
3, 4 CONTACTS: 250V AC OR DC
5 CONTACTS: 60V AC OR DC
RATED CURRENT:
3, 4, 5 CONTACTS: 4A, DERATING HAS TO BE CONSIDERED
OVERVOLTAGE CATEGORY: 3
POLLUTION DEGREE: 3, ONLY IN MATED AND LOCKED CONDITION

4. PROTECTION CLASS: IP 67, ONLY IN MATED AND LOCKED CONDITION

5. TEMPERATURE RANGE:
TEMPERATURE PLUG/SOCKET: -40 °C TO +85 °C
TEMPERATURE CABLE: SEE CABLE LIST

6. MECHANICAL OPERATIONS: 100 CYCLES

7. MATES WITH ULTRA-LOCK M12 FEMALE RECEPTACLES

8. PACKAGING: THE CORDSETS ARE SINGLE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES

9. UL CSA FILE REGISTRATION PENDING

SCALE 1:1

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
	mm	2:1
	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	ANGULAR TOL	± 1.0 °
DIVISIONAL SYMBOLS	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	120400
	MATERIAL NUMBER	SEE SHEET 2
	CUSTOMER	GENERAL MARKET
	SHEET NUMBER	1 OF 2

[illegible]