

3 POLE
M12 FEMALE

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

4 POLE
M12 FEMALE

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

5 POLE
M12 FEMALE

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

PART No MATRIX

Y0X00XXXXXX

Y0= ULTRA LOCK 2.0
SINGLE ENDED

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

HEADER:
000= FEMALE 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

45°

2

Ø (17.3)

3

4

1

(45.9)

(100)

50⁺⁵₀

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

FOR EXAMPLE: MOLEX 1204000001 Y03000E03M010 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 MALE 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

FA= 0

FE= 0

FE= 0

DIVISIONAL SYMBOLS

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

2:1

CURRENT REV DESC: NOTES AND CABLE LIST
UPDATED

EC NO: 736602

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

2023/01/23

2023/01/31

2023/01/31

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1204000025

DOC TYPE

PSD

DOC PART

000

REVISION

A3

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

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