

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

A top-down view of a circular 4-pin connector. The pins are arranged in a square pattern. Arrows point from labels to each pin: PIN 1 (top-left), PIN 2 (top-right), PIN 3 (bottom-right), and PIN 4 (bottom-left).

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

A diagram of a 5-pin circular connector. The connector is shown from a top-down perspective, revealing five internal pins arranged in a circular pattern. Each pin is labeled with a text label and an arrow pointing to it: PIN 1 (top-left), PIN 2 (top-right), PIN 3 (bottom-right), PIN 4 (bottom-left), and PIN 5 (center). The pins are connected to a central hub and a surrounding ring.

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

Y C

Y0= ULTRA LOCK 2.0
SINGLE ENDED

X

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

0

0

1

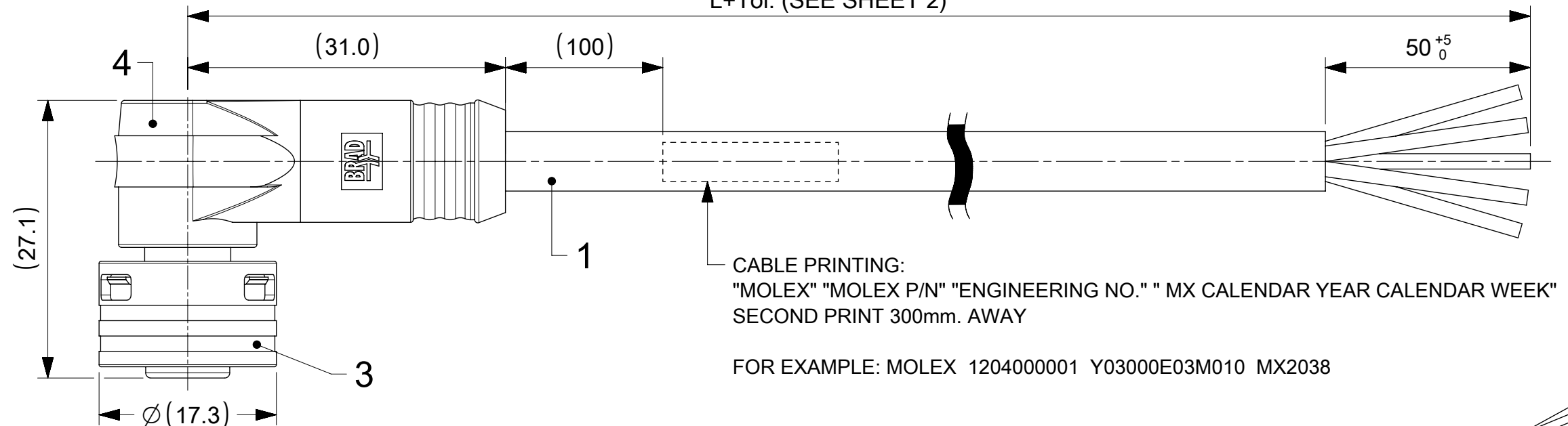


OPTIONS

X X

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

L+Tol. (SEE SHEET 2)



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

3. RATED VOLTAGE :

RATED CURRENT:

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

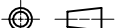
7. MATES WITH ULTRA-LOCK M12 MALE RECEPTACLES

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

9. UL CSA FILE REGISTRATION PENDING

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/31	08:21:32
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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	CURRENT REV DESC: NOTES AND CABLE LIST UPDATED			molex				
$\frac{F}{A} = 0$	mm	2:1								
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)					CSE U12 3-5P AC FE RA XM SE UNSH BK				
$\frac{F}{E} = 0$	ANGULAR TOL ± 1.0 °									
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 736602 DRWN: RSCHIEBER 2023/01/23 CHK'D: RSILLER 2023/01/31 APPR: RSILLER 2023/01/31 INITIAL REVISION: DRWN: RSCHIEBER 2020/09/16 APPR: RSILLER 2020/09/29			PRODUCT CUSTOMER DRAWING				
	3 PLACES	±				DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	
	2 PLACES	± 0.05				1204000224	PSD	000	A3	
	1 PLACE	± 0.3								
	0 PLACES	± 0.5								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER
				A3-SIZE	120400	SEE SHEET 2	GENERAL MARKET	1 OF 2		

10

9

8

7

6

5

4

3

2

1

PART LIST

MOLEX NO.	ENGINEERING NO.	LENGHT (MM)
1204000200	Y03001E03M010	1000
1204000201	Y03001E03M020	2000
1204000202	Y03001E03M050	5000
1204000203	Y03001E03M100	10000
1204000204	Y03001B30M010	1000
1204000205	Y03001B30M020	2000
1204000206	Y03001B30M050	5000
1204000207	Y03001B30M100	10000
1204000208	Y03001H09M010	1000
1204000209	Y03001H09M020	2000
1204000210	Y03001H09M050	5000
1204000211	Y03001H09M100	10000
1204000212	Y04001E03M010	1000
1204000213	Y04001E03M020	2000
1204000214	Y04001E03M050	5000
1204000215	Y04001E03M100	10000
1204000216	Y04001B30M010	1000
1204000217	Y04001B30M020	2000
1204000218	Y04001B30M050	5000
1204000219	Y04001B30M100	10000
1204000220	Y04001H09M010	1000
1204000221	Y04001H09M020	2000
1204000222	Y04001H09M050	5000

MOLEX NO.	ENGINEERING NO.	LENGHT (MM)
1204000223	Y04001H09M100	10000
1204000224	Y05001E03M010	1000
1204000225	Y05001E03M020	2000
1204000226	Y05001E03M050	5000
1204000227	Y05001E03M100	10000
1204000228	Y05001B30M010	1000
1204000229	Y05001B30M020	2000
1204000230	Y05001B30M050	5000
1204000231	Y05001B30M100	10000
1204000232	Y05001H09M010	1000
1204000233	Y05001H09M020	2000
1204000234	Y05001H09M050	5000
1204000235	Y05001H09M100	10000