

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

A top-down view of a circular 4-pin connector. The connector has four pins arranged in a square pattern. Each pin is labeled with an arrow pointing to it: PIN 1 (top-left), PIN 2 (top-right), PIN 3 (bottom-right), and PIN 4 (bottom-left). The pins are connected to a central hub by four curved lines.

A diagram of a 5-pin circular connector. The connector has a circular face with five pins. The pins are labeled as follows: PIN 1 (top-left), PIN 2 (top-right), PIN 3 (bottom-right), PIN 4 (bottom-left), and PIN 5 (center). The pins are arranged in a circular pattern, with PIN 5 in the center and the other four pins around it.

Y C

Y0= ULTRA LOCK 2.0
SINGLE ENDED

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

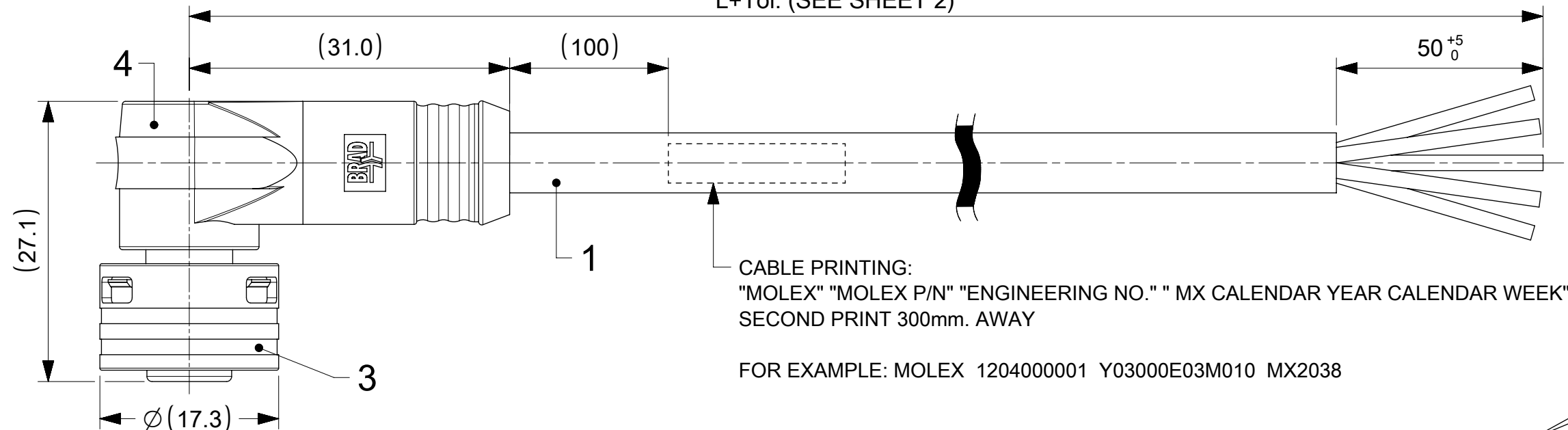
HEADER:
001= FEMALE RA

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

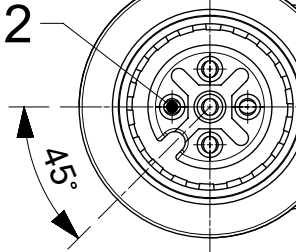
L+Tol. (SEE SHEET 2)



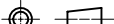
— CABLE PRINTING:
"MOLEX" "MOLEX P/N" "ENGINEERING NO." " MX CALENDAR YEAR CALENDAR WEEK"
SECOND PRINT 300mm. AWAY

FOR EXAMPLE: MOLEX 1204000001 Y03000E03M010 MX2038

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

