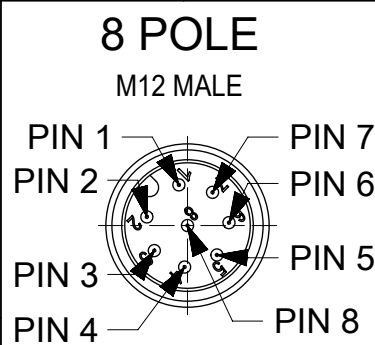
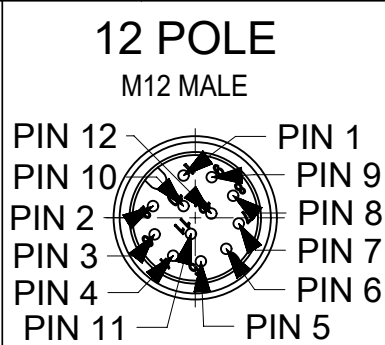




PIN	WIRE COLOR	PIN	WIRE COLOR
1	WH	5	GY
2	BN	6	PK
3	GN	7	BU
4	YE	8	RD



PIN	WIRE COLOR	PIN	WIRE COLOR
1	WH	7	BU
2	BN	8	RD
3	GN	9	BK
4	YE	10	VT
5	GY	11	GY/PK
6	PK	12	RD/BU

PART No MATRIX

Y

Y0= ULTRA LOCK 2.0 SINGLE ENDED

0

POLES:
8 = 8 POLES
C = 12 POLES

0

0

7

X

X

	X
--	---

☒

X

☒☒

X

10

HEADER:
007= MALE RA

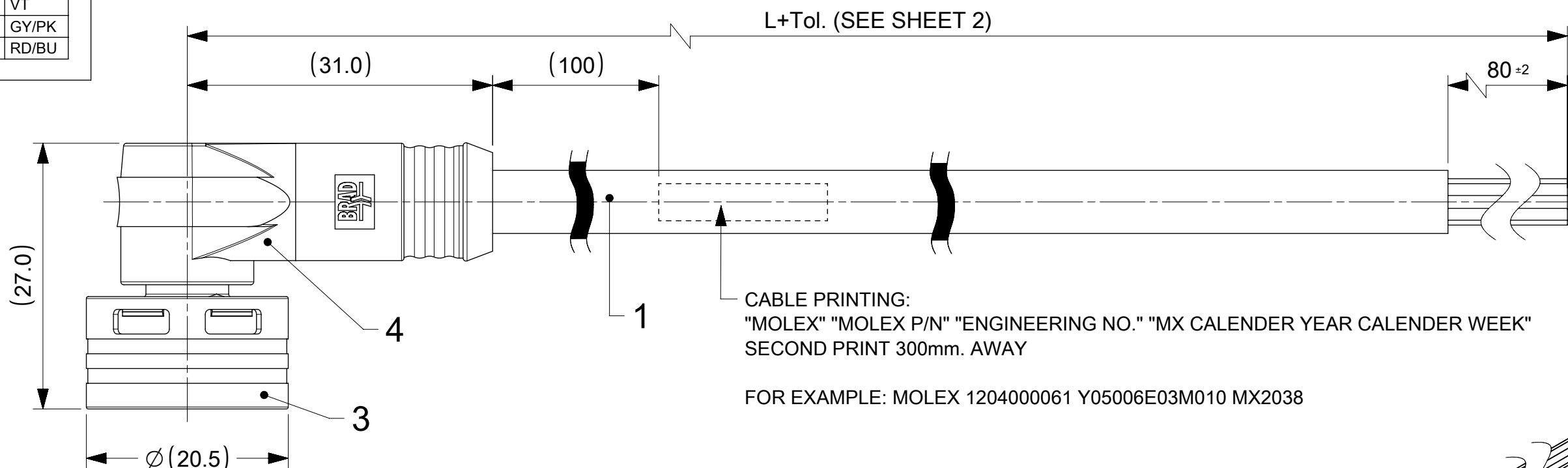
CABLE:
E02 - 8x0.25 PVC BLACK
B41 - 8x0.25 WSOR BLACK
H08 - 8x0.25 PUR-LS0H BLACK
H45 - 12x0.14 PUR BLACK

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

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

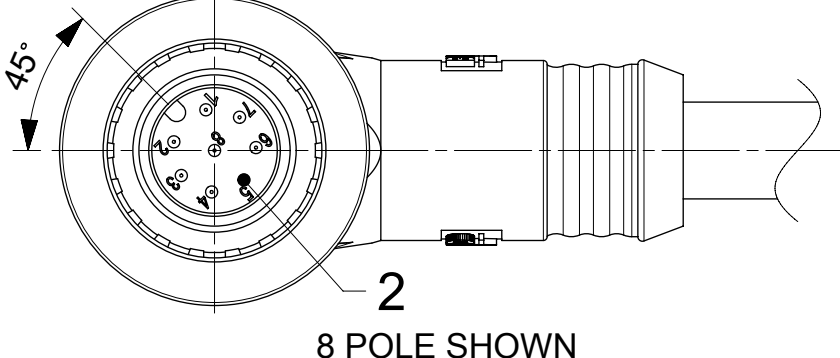
OVERMOLD:
BLANK = STANDARD BRAD:
-YELLOW IN THE USA
-BLACK IN EUROPE

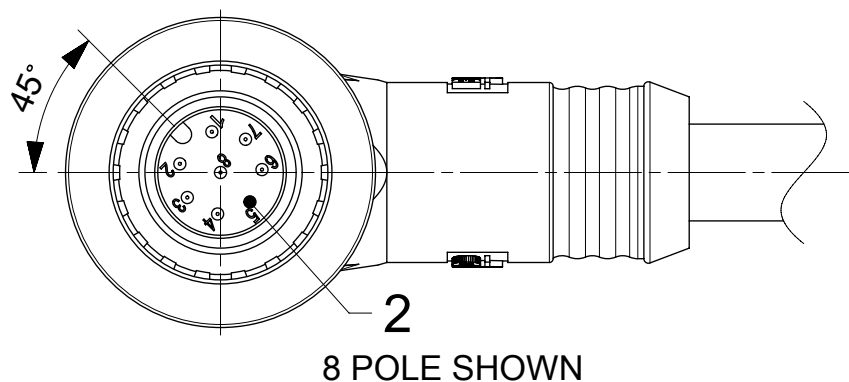
A = GREY
E = RED
G = BLACK
Y = YELLOW
H = STD. COLOUR WITH TWO
ID-TAG CARRIERS



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:
8, 12 CONTACTS: 30V AC OR DC
RATED CURRENT:
8 CONTACTS: 2A
12 CONTACTS: 1.5A,
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
- 
- 45°
- 2
- 8 POLE SHOWN



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 8-12P AC MA RA XM SE UNSH BK						
	mm		2:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL ± 1.0°															
	4 PLACES		±		EC NO: 736602 DRWN: RSCHIEBER 2023/01/24 CHK'D: RSILLER 2023/01/31 APPR: RSILLER 2023/01/31					PRODUCT: CUSTOMER DRAWING						
	3 PLACES		±													
	2 PLACES		± 0.05													
	1 PLACE		± 0.3													
	0 PLACES		± 0.5		INITIAL REVISION: DRWN: JELIZAINCIN 2021/01/18 APPR: RSILLER 2022/10/14					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
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				

10	9	8	7	6	5	4	3	2	1
PART LIST									
MOLEX NO.	ENGINEERING NO.	LENGHT (MM)	MOLEX NO.	ENGINEERING NO.	LENGHT (MM)	MOLEX NO.	ENGINEERING NO.	LENGHT (MM)	
1204000316	Y08007E02M010	1000							
1204000317	Y08007E02M020	2000							
1204000318	Y08007E02M050	5000							
1204000319	Y08007E02M100	10000							
1204000320	Y08007B41M010	1000							
1204000321	Y08007B41M020	2000							
1204000322	Y08007B41M050	5000							
1204000323	Y08007B41M100	10000							
1204000324	Y08007H08M010	1000							
1204000325	Y08007H08M020	2000							
1204000326	Y08007H08M050	5000							
1204000327	Y08007H08M100	10000							
1204000328	Y0C007H45M010	1000							
1204000329	Y0C007H45M020	2000							
1204000330	Y0C007H45M050	5000							
1204000331	Y0C007H45M100	10000							