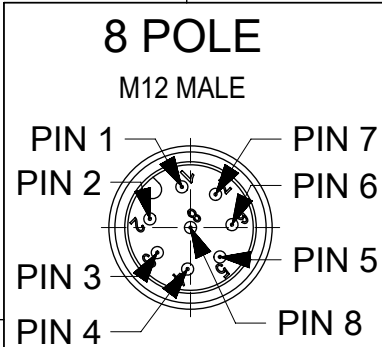
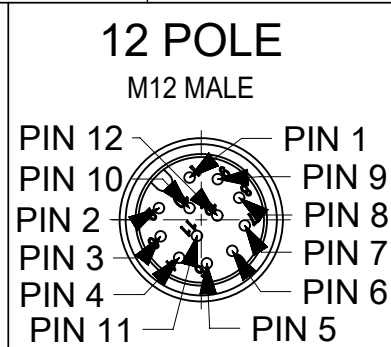




PIN	WIRE COLOR	PIN	WIRE COLOR
1	WH	5	GY
2	BN	6	PK
3	GN	7	BU
4	YE	8	RD



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

→

→

HEADER:
007= MALE RA

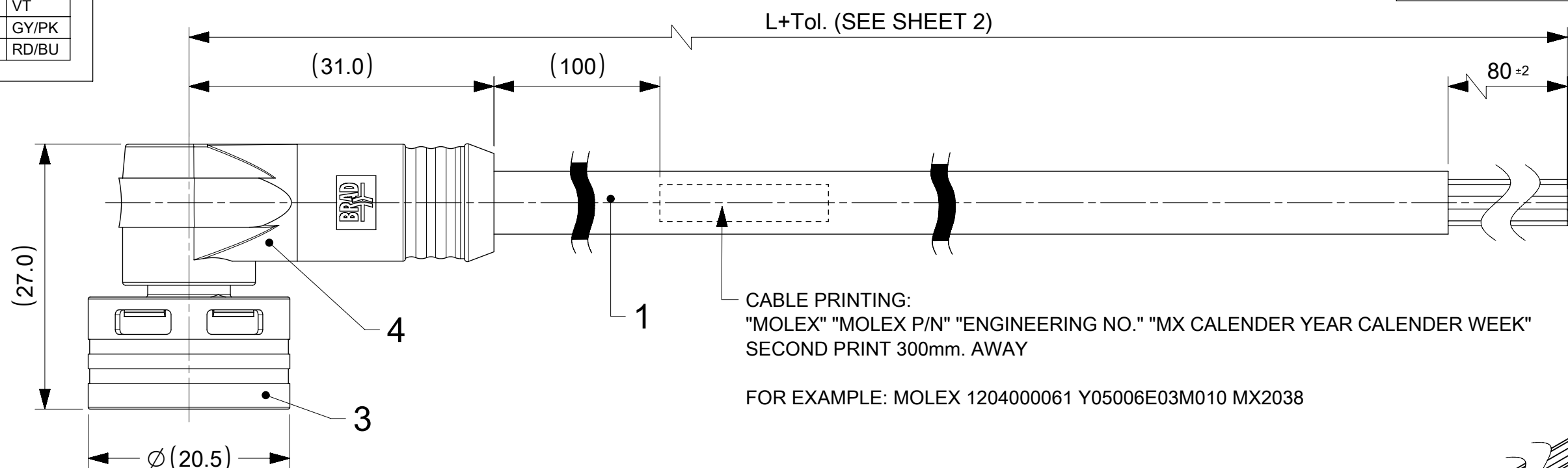
CABLE:
E02 - 8x0.25 PVC BLACK
B41 - 8x0.25 WSOR BLACK
H08 - 8x0.25 PUR-LS0H BLACK
H45 - 12x0.14 PUR BLACK

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

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

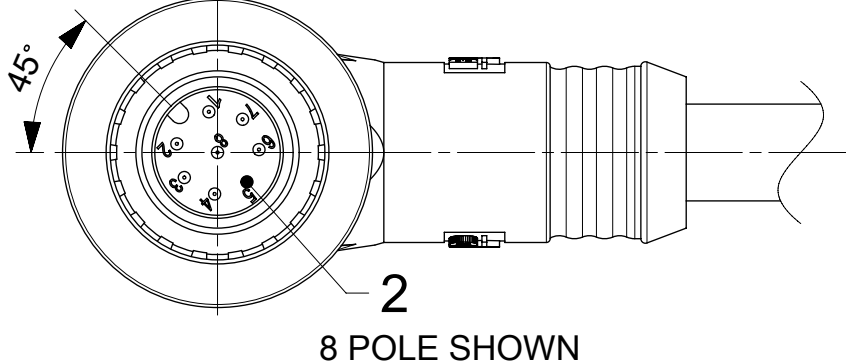
OVERMOLD:
BLANK = STANDARD BRAD:
-YELLOW IN THE USA
-BLACK IN EUROPE

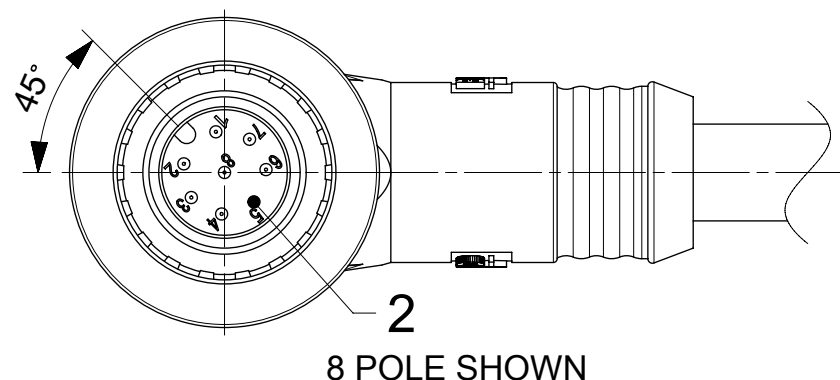
A = GREY
E = RED
G = BLACK
Y = YELLOW
H = STD. COLOUR WITH TWO
ID-TAG CARRIERS



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.											
F/A = 0 F/C = 0 F/P = 0		DIMENSION UNITS	SCALE	CURRENT REV DESC: NOTES AND CABLE LIST UPDATED EC NO: 736602 DRWN: RSCHIEBER2023/01/24 CHK'D: RSILLER2023/01/31 APPR: RSILLER2023/01/31 INITIAL REVISION: DRWN: JELIZAINCIN2021/01/18 APPR: RSILLER2022/10/14				molex					
		GENERAL TOLERANCES (UNLESS SPECIFIED)						CSE U12 8-12P AC MA RA XM SE UNSH BK					
		ANGULAR TOL ± 1.0°											
DIVISIONAL SYMBOLS		4 PLACES	±					PRODUCT CUSTOMER DRAWING					
		3 PLACES	±										
		2 PLACES	± 0.05										
		1 PLACE	± 0.3										
		0 PLACES	± 0.5	DOCUMENT NUMBER				DWG TYPE	DWG 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)				
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				

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

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					
	mm		1:1							
	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							
	3 PLACES ±									
	2 PLACES ± 0.05									
	1 PLACE ± 0.3		INITIAL REVISION: DRWN: JELIZAINCIN 2021/01/18 APPR: RSILLER 2022/10/14							
	0 PLACES ± 0.5									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
	THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
			A3-SIZE	120400	1204000316		PSD	000	A1	
					MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE PART LIST		GENERAL MARKET		2 OF 2		