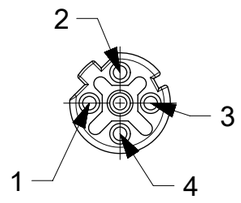
4 POLE D-CODE

M12 FEMALE



PIN	WIRE COLOR
1	OR
2	GN
3	OR/WH
4	GN/WH
5	-

CODING ACCORDING TO IEC-61076-2-101

PART No MATRIX

E	Y	0	A	0	0	1	X	X	X	X	X	X	X

OPTIONS

EY0:
ETHERNET ULTRA
LOCK 2.0 SINGLE ENDED

WIRING:
A = 4 POLE

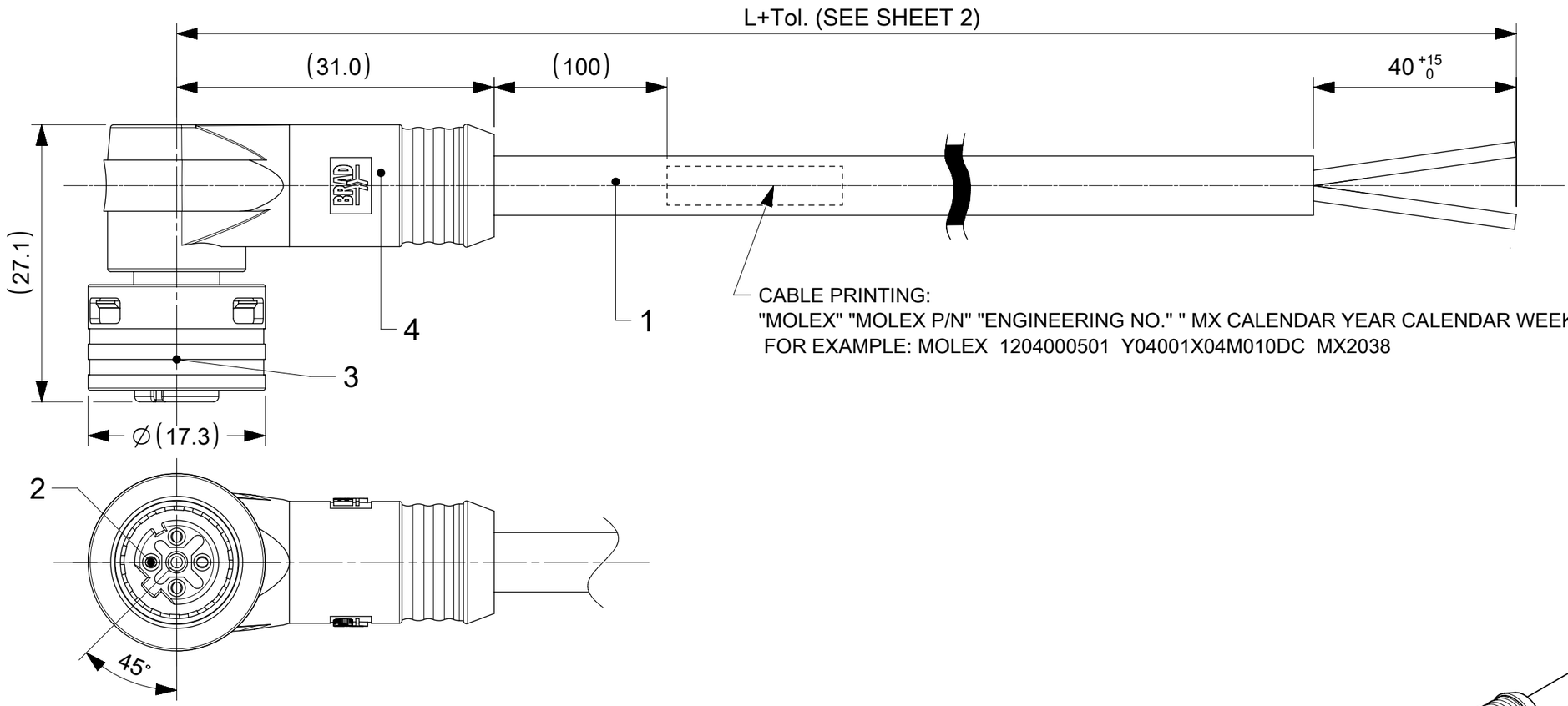
HEADER:
001 = FEMALE RA

CABLE:
04 =ETHERNET CAT-5E
2x2x24AWG TPE TEAL

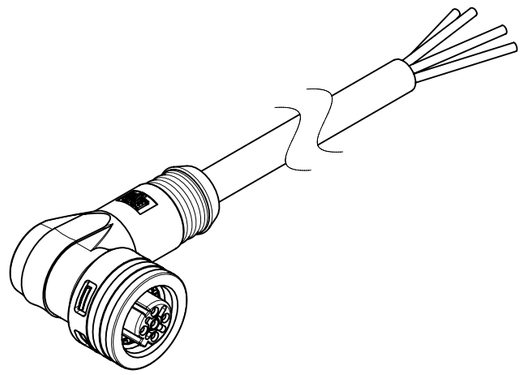
UNIT:
M = METER
F = FEET
C = CENTIMETER
T = 10M

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



CABLE PRINTING:
"MOLEX" "MOLEX P/N" "ENGINEERING NO." " MX CALENDAR YEAR CALENDAR WEEK"
FOR EXAMPLE: MOLEX 1204000501 Y04001X04M010DC 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. ELECTRICAL DATA: ACCORDING TO CAT5e ETHERNET STANDARD
   RATED VOLTAGE: 60V DC
   RATED CURRENT: 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 FIXED INSTALLATION: -20°C / +75°C
6. MECHANICAL OPERATIONS: 100 CYCLES
7. MATES WITH ULTRA-LOCK M12 MALE RECEPTACLES
8. PACKAGING: THE CORDSETS ARE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
9. UL FILE: CERTIFICATION IN PROCESS

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/05 13:18:28

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	0.0
3 PLACES	±	0.0
2 PLACES	±	0.05
1 PLACE	±	0.3
0 PLACES	±	0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: FIRST RELEASE

EC NO: 662828
DRWN: RSCHIEBER 2021/04/28
CHK'D: RSILLER 2021/05/05
APPR: RSILLER 2021/05/05

INITIAL REVISION:
DRWN: RSCHIEBER 2021/04/28
APPR: RSILLER 2021/05/05

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120406

molex

CSE U12ET 4P DC FE RA TPE 1M SE UNSH TE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1204060008	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 2	GENERAL MARKET	1 OF 2

FORMAT: master-Sheet-A3
REVISION: J
DATE: 2020/01/14

PART LIST

MOLEX NO.	ENGINEERING NO.	LENGHT (MM)
1204060008	EY0A00104M006	600
1204060009	EY0A00104M010	1000
1204060010	EY0A00104M020	2000
1204060011	EY0A00104M050	5000
1204060012	EY0A00104M100	10000
1204060013	EY0A00104M250	25000
1204060014	EY0A00104M300	30000

MOLEX NO.	ENGINEERING NO.	LENGHT (MM)

MOLEX NO.	ENGINEERING NO.	LENGHT (MM)

BILL OF MATERIAL:

4P	5P	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
X		1	-	CABLE	SEE CABLE LIST	SEE CABLE LIST
X		2	4/5	CONTACT 10 FE STA AU	BRASS	GOLD OVER NICKEL PLATED
X		3	1	PLG U12 4P DC FE PA UNSH	-	-
				PLG U12 5P DC FE PA UNSH		
X		4	1	OVERMOLD	TPU	SEE MATRIX
IF "H" IS IN MATRIX-END		-	2	I/D CARRIER DIA 4-7MMX30MM	PVC	TRANSPARENT

CABLE LIST

4P	5P	CABLE TYPE	DESCRIPTION	MATERIAL	FINISH/COLOR
X		04	CABLE ETHERNET CAT-5E TPE TEAL 2X2X24AWG D6.2	TPE	TEAL

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

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FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm | SCALE: 1:1

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2 PLACES	±	0.05
1 PLACE	±	0.3
0 PLACES	±	0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: FIRST RELEASE

EC NO: 662828
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INITIAL REVISION:
DRWN: RSCHIEBER 2021/04/28
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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120406

molex

CSE U12ET 4P DC FE RA TPE 1M SE UNSH TE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1204060008	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/05 13:18:28

FORMAT: molex_template_A3
REVISION: J
DATE: 2020/01/14