

PART NO MATRIX

E W 6 A 0 6 1 0 2 M X X X

E=ETHERNET

HEADS:
W=M12 4-Pole Ultra Lock
D-Coding
6=RJ45

HEADS STYLE:
061=MALE RA / RJ 45 PLUG STR

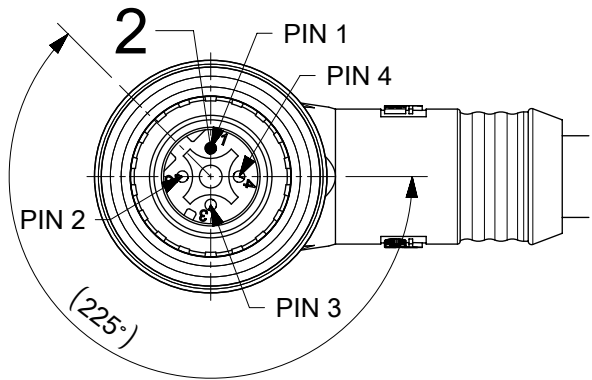
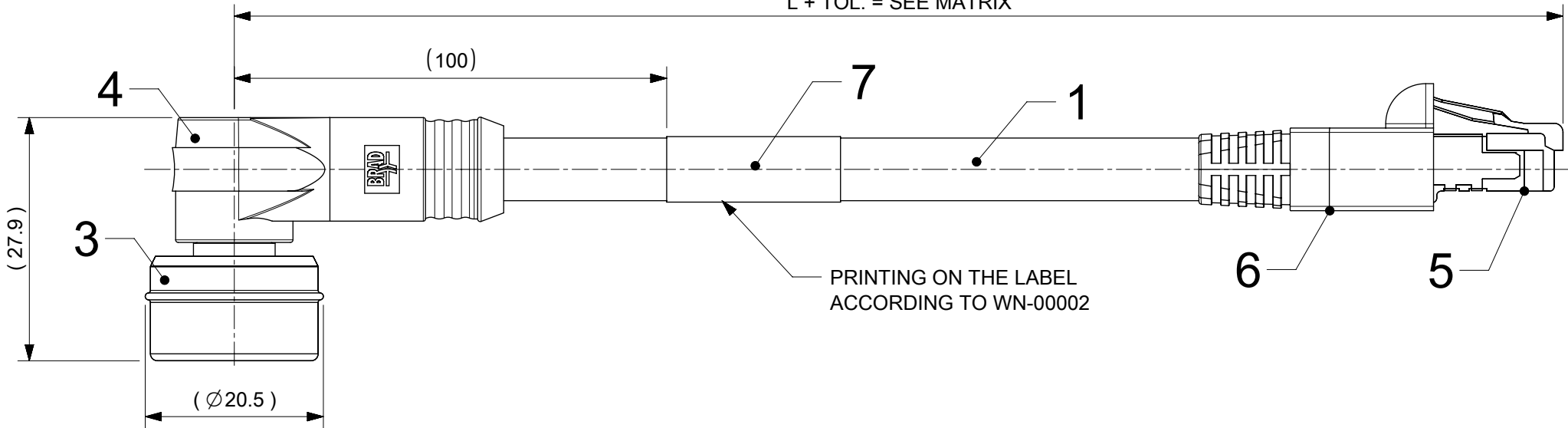
UNITS:
M= METER
T=10x METER

WIRING TYPE:
A=4 Pole
STRAIGHT WIRED

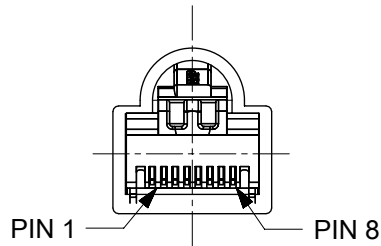
CABLE TYPE :

LENGTH EXAMPLES:
005=0.5m
010=1m
150=15m

L + TOL. = SEE MATRIX



VIEW FROM THE FRONT SIDE



VIEW FROM THE FRONT SIDE

WIRING DIAGRAM

M12U				RJ 45
PIN 1	WHITE-ORANGE			PIN 1
PIN 2	WHITE-BLUE			PIN 3
PIN 3	ORANGE			PIN 2
PIN 4	BLUE			PIN 6

BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
1	-	CABLE ETHERNET CAT5E	PVC	TEAL
2	4	CONTACT MALE	BRONZE	GOLD OVER Ni-PLATED
3	1	MIC 3P MALE ULOCK ASSEMBLY	-	-
4	-	MOULDING MATERIAL	PUR	BLACK
5	1	RJ45-PLUG	-	-
6	1	STRAIN RELIEF BOOT	PVC	BLACK
7	1	WRAP LABEL	VINYL	YELLOW

PART LIST

SL. NO	MOLEX PN	ENGINEERING NO.	LENGTH (mm)
1	1201080336	EW6A06102M020	2000
2	1201080338	EW6A06102M060	6000
3	1201080339	EW6A06102M100	10000
4	1201080337	EW6A06102M150	15000
5	1201080340	EW6A06102M200	20000
6	1201080341	EW6A06102M300	30000
7	1201080342	EW6A06102M400	40000
8	1201080343	EW6A06102M500	50000
9	1201088202	EW6A06102M900	90000
10	1201088203	EW6A06102T100	100000

NOTES :

ELECTRICAL DATA :
ACCORDING TO CAT5e
VOLTAGE RATING : 30V
AMPERAGE RATING : 1.5A
INSULATION RESISTANCE : 10⁸Ω MIN.
MATING CYCLES : MIN. 100

ENVIRONMENTAL :
PROTECTION CLASS RJ45 : IP20
PROTECTION CLASS M12 : IP67/IP68/IP69K IN
MATED AND
LOCKED POSITION
OPERATING TEMPERATURE : -25°C TO +80°C

TABLE OF LENGHT TOLERANCES (mm)

OVER	UP TO AND INCLUDING	TOLERANCE
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF LENGTH

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
$\nabla/A = 0$	mm	3:2	EC NO: 769239	2023/11/09	1201080336	GENERAL MARKET	1 OF 1
$\nabla/E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: AKABADI	2023/11/17			
$\nabla/F = 0$	ANGULAR TOL ± 0.5°		CHK'D: RSILLER	2023/11/17			
DIVISIONAL SYMBOLS	4 PLACES ±		APPR: RSILLER	2022/02/15			
	3 PLACES ±		INITIAL REVISION:				
	2 PLACES ± 0.13		DRWN: MDHARMANTI	2022/01/19			
	1 PLACE ± 0.25		APPR: RSILLER	2022/02/15			
	0 PLACES ±						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						