

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

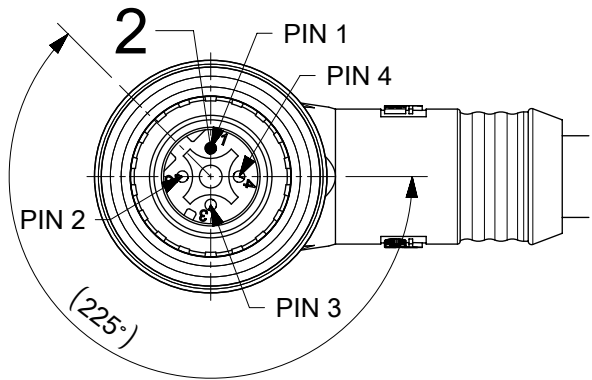
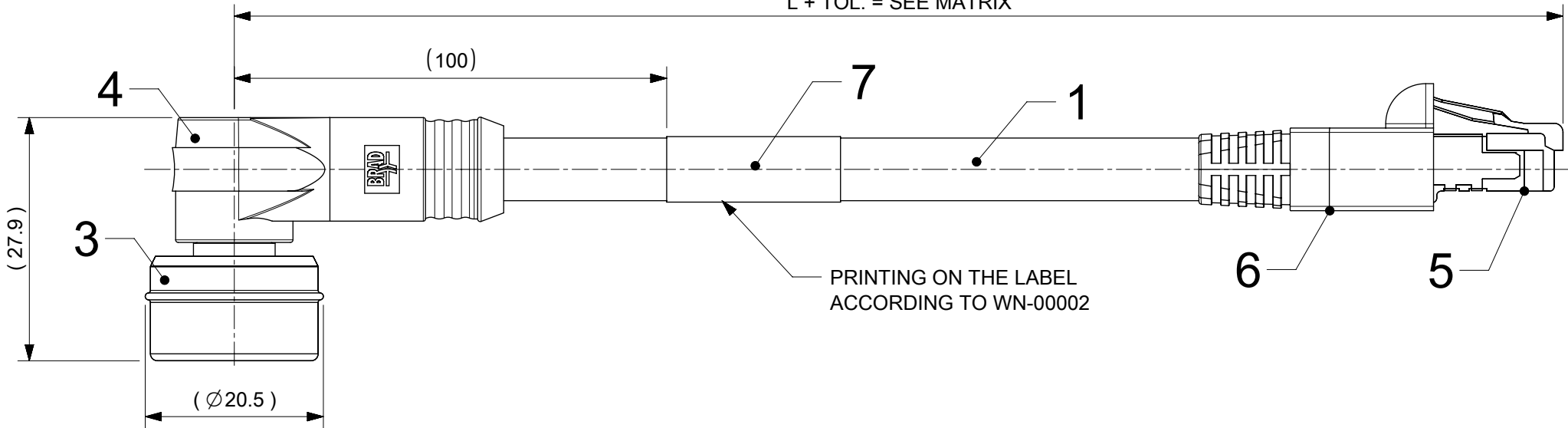
UNITS:
M= METER
T=10x METER

WIRING TYPE:
A=4 Pole
STRAIGHT WIRED

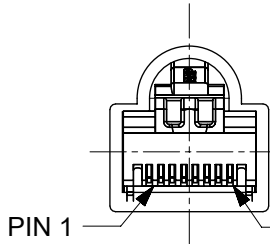
CABLE TYPE :

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	
	0		3:2
	0		0.5 °
	0		0.13
	0		0.25
	0		0.5
	0		1
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