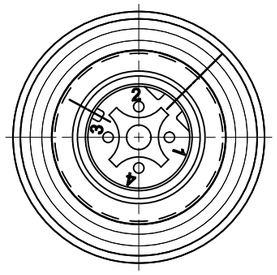
M12U 4 POLE
MALE



VIEW FROM THE FRONT SIDE

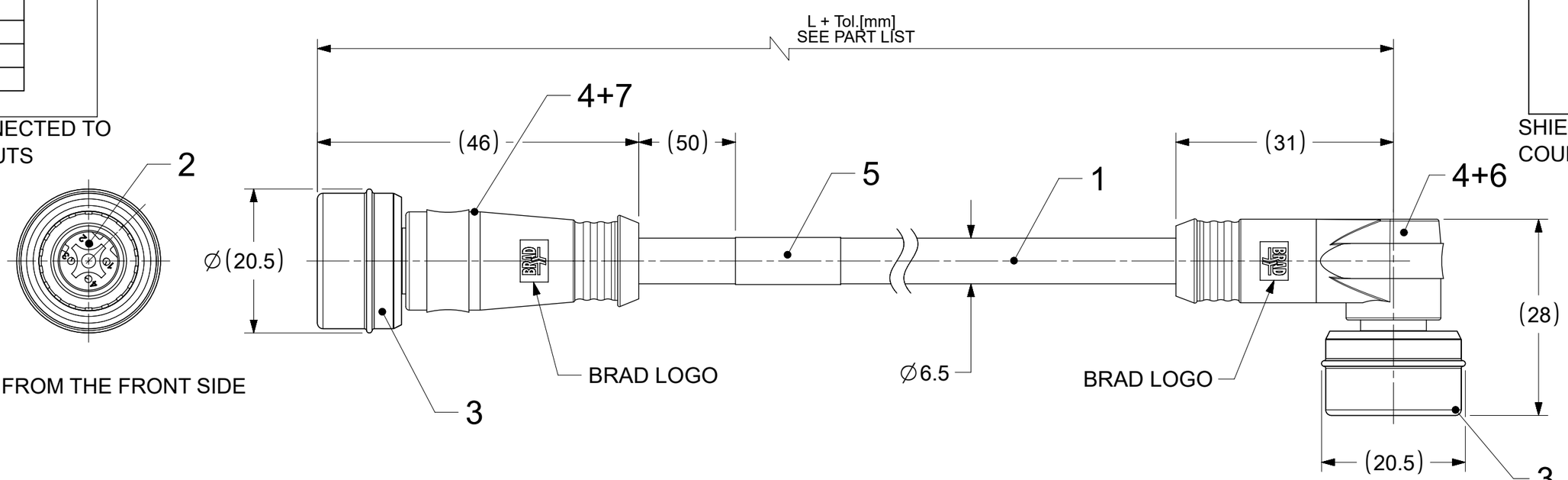
PIN	WIRE COLOR
1	YE
2	WH
3	OR
4	BU

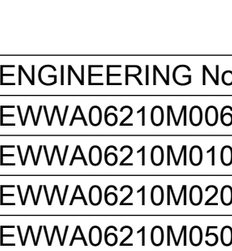
SHIELD CONNECTED TO COUPLING NUTS

PART No. MATRIX

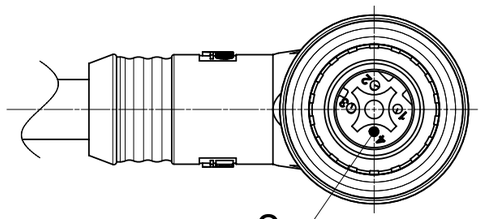
E	W	W	A	0	6	2	1	0	M	X	X	X

- E=ETHERNET
- HEADS: W=M12 4-Pole Ultra Lock D-Coding; W=M12 4-Pole Ultra Lock D-Coding
- WIRING TYPE: A=4 Pole STRAIGHT WIRED
- HEADS STYLE: 062=MALE STR / MALE RA
- CABLE TYPE
- UNITS: M = METER; T=10x METER
- LENGTH EXAMPLES: 005=0.5m; 010=1m; 150=15m





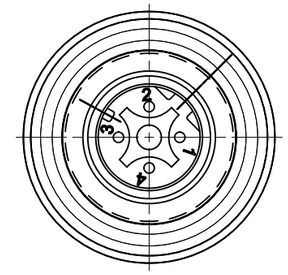
VIEW FROM THE FRONT SIDE



2

VIEW FROM THE FRONT SIDE

M12U 4 POLE
MALE



VIEW FROM THE FRONT SIDE

PIN	WIRE COLOR
1	YE
2	WH
3	OR
4	BU

SHIELD CONNECTED TO COUPLING NUTS

PART LIST

MOLEX PN	ENGINEERING No	L+Tol. [mm]
1201080097	EWWA06210M006	600+45
1201080098	EWWA06210M010	1000 +56
1201080099	EWWA06210M020	2000 +89
1201080100	EWWA06210M050	5000+165
1201080101	EWWA06210M100	10000+317
1201080151	EWWA06210M030	3000+89

BOM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH/COLOR
7	1	LEEVE SHIELD	BRASS	Ni-PLATED
6	1	SHIELD CLOSURE CAP-90	BRASS	Ni-PLATED
5	1	LABEL	VINYL	YELLOW
4	-	MOULDING MATERIAL	TPU	BLACK
3	2	ULTRALOCK MALE ASSEMBLY	-	-
2	8	CONTACT MALE	BRASS	Au OVER Ni
1	-	ETHERNET CABLE-CAT5eES	PUR	GREEN

DOCUMENT STATUS	P1	RELEASE DATE	2022/04/22 06:35:58

NOTES :

ACC. TO CAT5e ETHERNET STD.
MAX. VOLTAGE : 30V
MAX. CURRENT : 1.5A
IP RATING : IP67
TEMPERATURE RANGE : -20°C TO +75°C

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; FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	3:2

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 703538
DRWN: SSM 2022/03/29
CHK'D: RSILLER 2022/04/22
APPR: RSILLER 2022/04/22

INITIAL REVISION:
DRWN: SSM 2022/03/29
APPR: RSILLER 2022/04/22

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120108

molex

MIC 4P M/MP ULOCK ST/90 XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1201080097	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	1 OF 1

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01