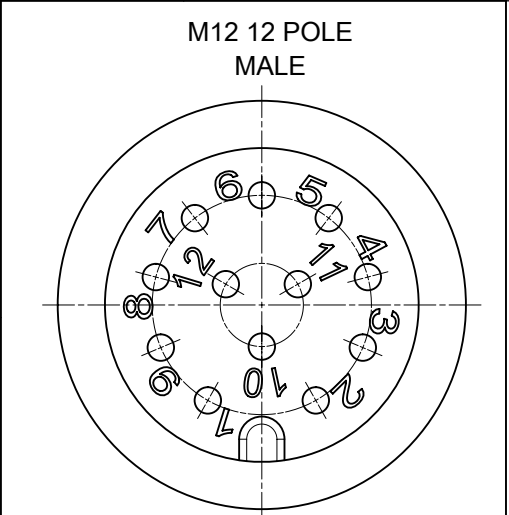




PART NO MATRIX

W

0

C

0

0

6

X

X

X

M

X

X

X

X

W0 =
ULTRA LOCK
SINGLE ENDED

POLES:
C = 12 POLES

HEADER:
006 = MALE STRAIGHT

CABLE:
H45 = PUR BLACK

UNIT:
M = METER

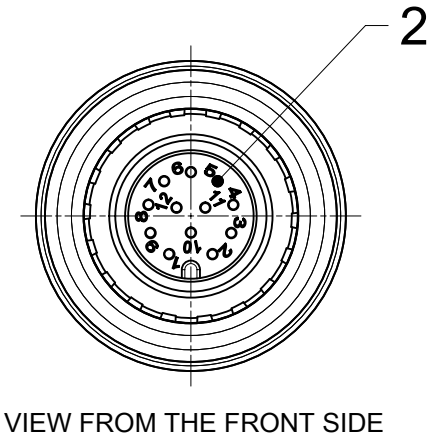
LENGTH EXAMPLE:
020 = 2 m
050 = 5 m
200 = 20 m

COUPLING NUT
MATERIAL :
BLANK = STANDARD
1- STAINLESS STEEL
5-DELRIN
7-TEFLON COATED
H-2 PIECES OF I/D CARRIER

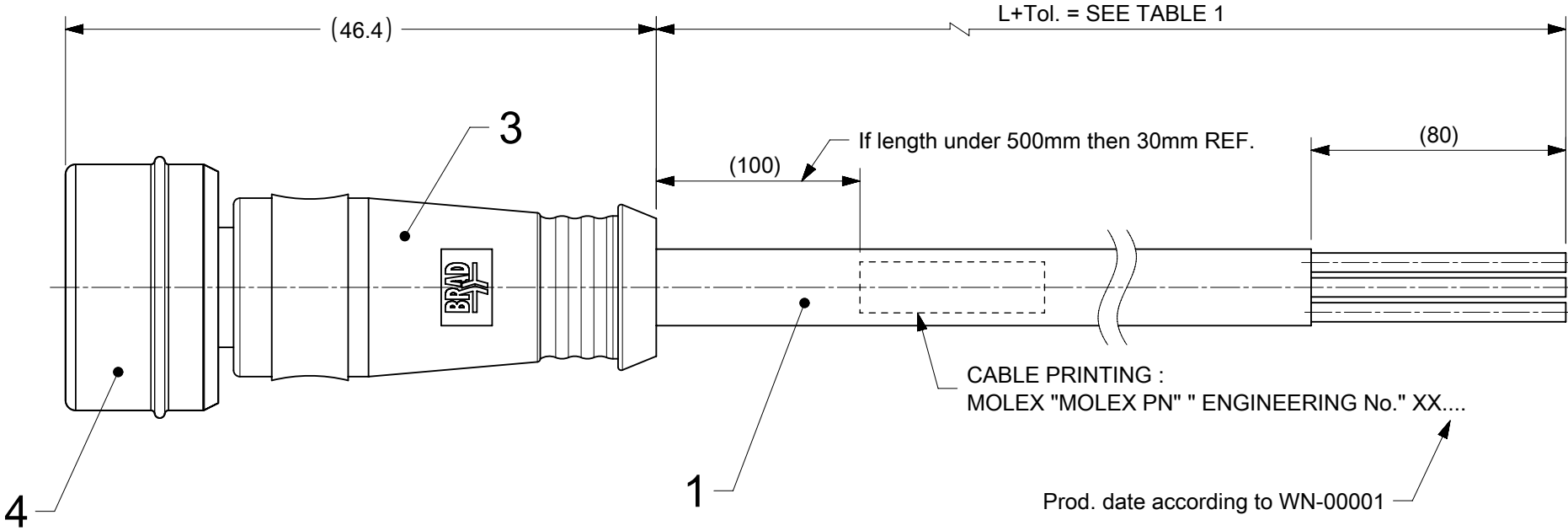
MOLDING COLOR:
BLANK = PUR (STANDARD)
A = GRAY
Y = YELLOW PUR

VIEW FROM THE FRONT SIDE

PIN	COLOR
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GRAY
6	PINK
7	BLUE
8	RED
9	BLACK
10	VOILET
11	GRAY/PINK
12	RED/BLUE



VIEW FROM THE FRONT SIDE



CONNECTOR SPECIFICATION :

ELECTRICAL DATA :
VOLTAGE RATING : 30V
AMPERAGE RATING : 1.5A
IP PROTECTION : IP67

CABLE SPECIFICATION :

CONDUCTOR :
MATERIAL : BARE COPPER
SECTION : 26 AWG
STRANDING : 18x0.10 mm

INSULATION :
COMPOUND : PP
DIAMETER : Ø1±0.10 mm

JACKET :
COMPOUND : PUR
COLOR : BLACK
DIAMETER : Ø6±0.30 mm

WIRING DIAGRAM

1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GRAY
6	PINK
7	BLUE
8	RED
9	BLACK
10	VOILET
11	GRAY/PINK
12	RED/BLUE

BOM

4	1	ULTRALOCK ASSEMBLY	SEE PART LIST	SEE PART LIST
3	-	MOULDING	PUR	BLACK
2	12	M12 M Contact-12pol	BRASS	GOLD OVER Ni-PLATED
1	-	CABLE	PUR	BLACK
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH

CABLE LENGTH TOLERANCES		
OVER [mm]	UP TO AND INCLUDING [mm]	TOLERANCES [mm]
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF FINISHED LENGTH

TABLE 1		
MOLEX P/N	ENGINEERING NO.	LENGTH (mm)
1200795006	W0C006H45M020	2000
1200795008	W0C006H45M050	5000
1200795010	W0C006H45M100	10000

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/15	13:53:23
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HALOGEN FREE : IEC 60754

FUNCTIONAL SYMBOLS
FA= 0
FE= 0
FE= 0

DIVISIONAL SYMBOLS

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

CURRENT REV DESC:

EC NO: 695694
DRWN: SSM
CHK'D: RSILLER
APPR: RSILLER

2021/12/22
2022/02/15
2022/02/15

INITIAL REVISION:
DRWN: MDHARMANTI
APPR: RSILLER

2019/07/15
2019/08/22

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SCALE
2:1

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

molex

CSE UL. M12 12P AC MA STR XM SE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
1200795006

DOC TYPE
PSD

DOC PART
000

REVISION
A1

SEE TABLE 1

GENERAL MARKET

1 OF 1