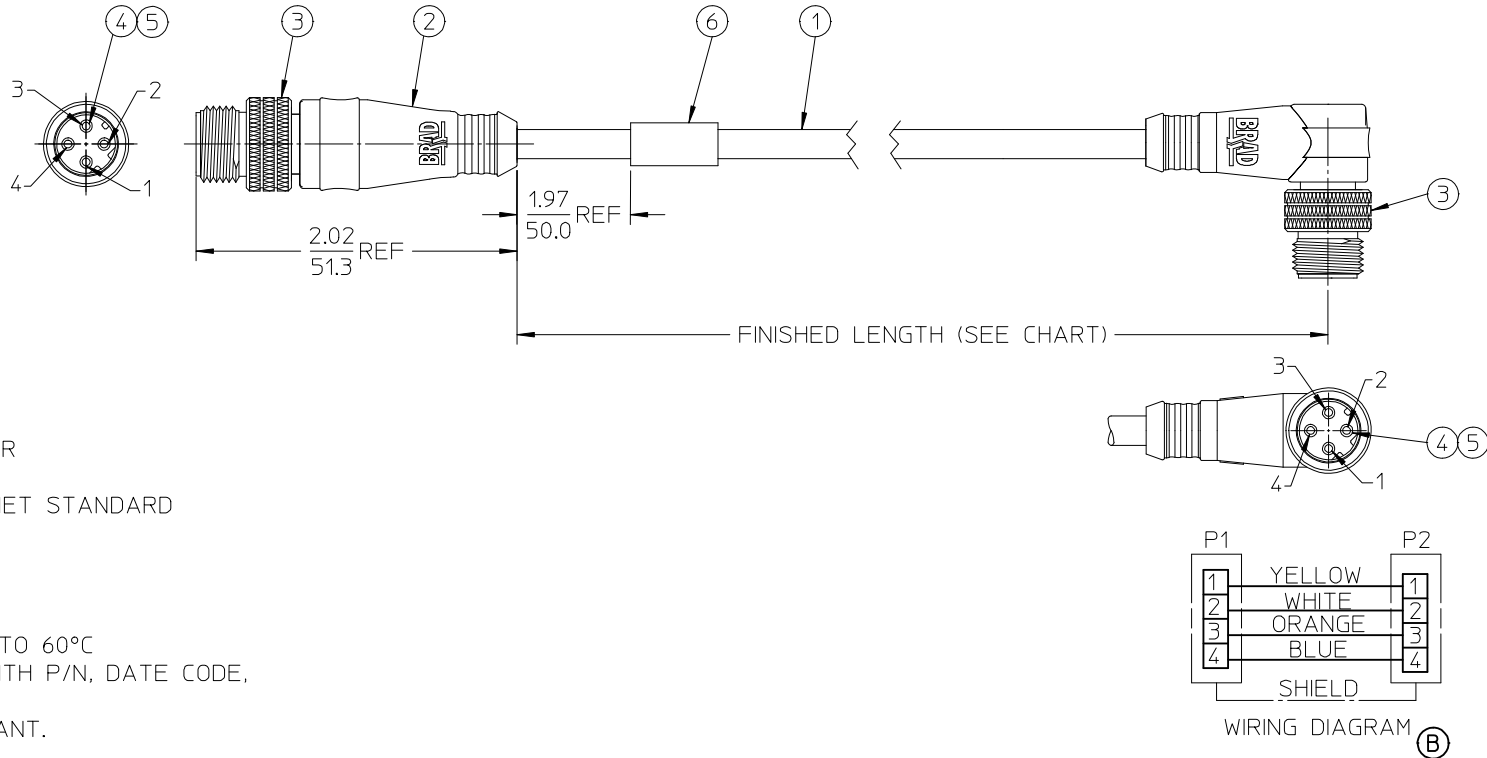


10	9	8	7	6	5	4	3	2	1
PART NUMBER	ENGINEERING NO.	LENGTH ± TOLERANCE							
1201080201	E11A06211M020	6' 6" +2.19"/-0" [2M +55.6/-0 mm]							



6	1	LABEL	PLASTIC FILM	BLACK/YELLOW
5	2	INSERT	PUR	BLACK
4	8	PIN CONTACT	COPPER ALLOY	GOLD PLATED
3	2	M12 COUPLING NUT	BRASS	NICKEL
2	2	OVERMOLD	PUR	BLACK
1	1	ETHERNET CABLE-CAT5E	PUR JACKET	GREEN
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

UPDATE SCHEMATIC
EC NO: IPG2013-1629
DRAWN BY: BRUPERT 2013/04/17
CHKD: JFMURPHY
APPR: JFMURPHY 2013/05/29

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---
ANGULAR	± .5 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
BRUPERT	2011/11/28
CHECKED BY	DATE
APPROVED BY	DATE
JFMURPHY	2012/04/17
MATERIAL NO.	
SIZE	
B	

SCALE
1:50

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
MIC 4P MM/MM-ST/90
D-CODED

MOLEX INCORPORATED

DOCUMENT NO.
SD-120108-043

SHEET NO.
1 OF 1

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M12 4 POLE
MALE

VIEW FROM THE WIRES SIDE

Pin	Wire color
1	YELLOW
2	WHITE
3	ORANGE
4	BLUE

E 1 1 A 0 6 2 1 1 X X X X X

First and Second Connector
1-M12 Threaded 4 Pole D-code

Insert
A=4 Pole

HEAD TYPE
062 Plugs male straight / plugs male 90

Cable type
2x2x22AWG
PUR, Green, Shield

LENGTH UNIT
C-cm
M-m
K-km
F-feet

LENGTH
Example:
020 - 2M
060 - 6M
100 - 10M

OPTIONS
D- Decoupled (for Shielded version only)
H- 2x ID CARRIER

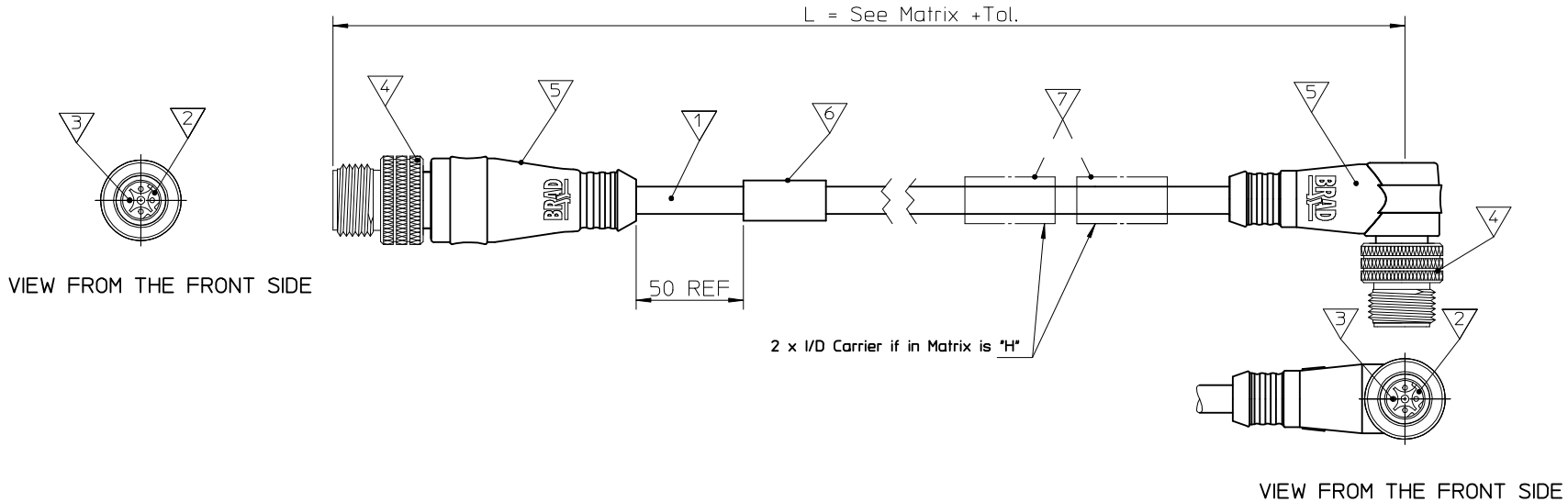
Table of lenght tolerances

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

M12 4 POLE
MALE

VIEW FROM THE WIRES SIDE

Pin	Wire color
1	YELLOW
2	WHITE
3	ORANGE
4	BLUE



Bill of Materials

7	-	ID CARRIER	SEE MATRIX	SEE MATRIX
6	1	LABEL	-	YELLOW
5	-	MOLDING MATERIAL	TPU	BLACK
4	2	COUPLING NUT MALE M12	CuZn38Pb3	CuNi3
3	8	CONTACT MALE	CuNi2Si	Cu/Ni2
2	2	INSERT M12 4P MALE DC	PUR	BLACK
1	-	CABLE 4x0.34 mm²	PUR	GREEN
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

ORIGINAL RELEASE
EC NO: IPG2016-0383
DRW:AKONDRACIU 2015/09/11
CHKD:MMAJGAT 2015/09/11
APPR:MIWASIECZKO 2015/09/29

QUALITY SYMBOLS
▽=0
C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY
AKONDRACIU

DATE
2015/09/11

CHECKED BY
MMAJGAT

DATE
2015/09/11

APPROVED BY
MIWASIECZKO

DATE
2015/09/29

MATERIAL NO.

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
MIC 4P M/MP ST/90
D-CODED XM

molex

DOCUMENT NO.
SD-120108-090

SHEET NO.
1 OF 1

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