

CONNECTOR SPECIFICATION:

VOLTAGE RATING	250 VAC/VDC
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 105°C

ITEM	COMPONENT	MATERIAL	FINISH
7	LABLE	MYLAR	BLACK/YELLOW
6	COUPLER	BRASS	TEFLON
5	O-RING	VITON	RED
4	SOCKET/PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	NYLON	BLACK
2	OVERMOLD	TPE	YELLOW
1	CABLE- 22/3-5 (COPPER STRANDING) 3/4/5 CONDUCT. 300V	TPE JACKET	YELLOW

ADD P/N 884030K05M005 EC NO: WNA2011-0420 DRWN: TWOLDEGE 2/15/11 CHKD: LHARTMAN APPR: JFMURPHY 2010/01/29 3	QUALITY SYMBOLS ▽ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±.05</td> <td>±.002</td> </tr> <tr> <td>3 PLACES</td> <td>±.03</td> <td>±.001</td> </tr> <tr> <td>2 PLACES</td> <td>±.02</td> <td>±.001</td> </tr> <tr> <td>1 PLACE</td> <td>±0.3</td> <td>±.01</td> </tr> <tr> <td colspan="3">ANGULAR ± °</td> </tr> </table>		mm	INCH	4 PLACES	±.05	±.002	3 PLACES	±.03	±.001	2 PLACES	±.02	±.001	1 PLACE	±0.3	±.01	ANGULAR ± °			DIMENSION STYLE IN/MM DRAWN BY DATE LSTEMMLE 2010/01/25 CHECKED BY DATE RE 2010/01/26 APPROVED BY DATE NSTAUDIG 2010/01/29 MATERIAL NO.	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	MICRO-CHANGE CORDSET 3/4/5 P. FE STR/ MA STR 22/3-5 YELLOW TPE CABLE MOLEX INCORPORATED DOCUMENT NO. SD-120066-011 SHEET NO. 1 OF 2
		mm	INCH																				
	4 PLACES	±.05	±.002																				
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
SIZE A3																							
REVISIONS 3																							

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
3	1200660676	883030K05M010	3.28' +2.19" -0 [1.0M +55.6 -0]
3	1200660680	883030K05M040	13.12' +6.50" -0 [4.0M +165.1 -0]

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
4	1200660683	884030K05M003	.3M +19.1 -0 [.98' +.75" -0]
4	1200660684	884030K05M005	.5M +44.5 -0 [1.64' +1.75" -0]
4	1200660686	884030K05M006	.6M +44.5 -0 [1.97' +1.75" -0]
4	1200660687	884030K05M010	1.0M +55.6 -0 [3.27' +2.19" -0]
4	1200660688	884030K05M015	1.5M +55.6 -0 [4.91' +2.19" -0]
4	1200660689	884030K05M020	2.0M +88.9 -0 [6.56' +3.50" -0]
4	1200660690	884030K05M030	3.0M +88.9 -0 [9.84' +3.50" -0]
4	1200660691	884030K05M040	4.0M +165.1 -0 [13.12' +6.50" -0]
4	1200660692	884030K05M050	5.0M +165.1 -0 [16.40' +6.50" -0]
4	1200660693	884030K05M060	6.0M +165.1 -0 [19.69' +6.50" -0]
4	1200660694	884030K05M080	8.0M +317.5 -0 [26.25' +12.50" -0]
4	1200660695	884030K05M100	10.0M +317.5 -0 [32.81' +12.50" -0]
4	1200660696	884030K05M120	12.0M +317.5 -0 [39.37' +12.50" -0]
4	1200660697	884030K05M150	15.0M +622.3 -0 [49.21' +24.50" -0]
4	1200660698	884030K05M180	18.0M +622.3 -0 [59.06' +24.50" -0]
4	1200660921	884030K05M200	20.0M +622.3 -0 [65.62' +24.50" -0]
4	1200660699	884030K05M230	23.0M +622.3 -0 [75.21' +24.50" -0]
4	1200660700	884030K05M300	30.0M +622.3 -0 [98.43' +24.50" -0]
4	1200660701	884030K05M610	61.0M +622.3 -0 [199.47' +24.50" -0]

ADD P/N 884030K05M005 EC NO.: WNA2011-0420 DRWN: TWOLDEGE CHKD: LHARTMAN APPR: JFMURPHY 2/15/11 2010/01/29	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽ = 0 ∇ = 0	mm	INCH	IN/MM		1:1	METRIC	MICRO-CHANGE CORDSET 3/4/5 P. FE STR/ MA STR 22/3-5 YELLOW TPE CABLE
		4 PLACES ±	±	DRAWN BY DATE		LSTEMMLE 2010/01/25 CHECKED BY DATE RE 2010/01/26		
		3 PLACES ±	±	APPROVED BY DATE				
2 PLACES ±	±.01	NSTAUDIG 2010/01/29		MOLEX INCORPORATED SD-120066-011		SHEET NO. 2 OF 2		
1 PLACE ±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
ANGULAR ±	°			SIZE A3				

PART No MATRIX

OPTIONS

M12 3 POLE

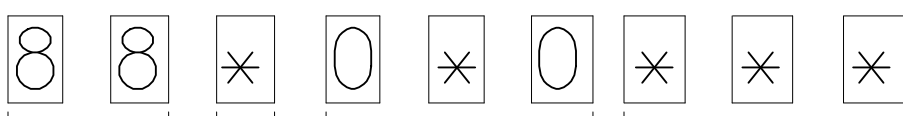
VIEW FROM THE WIRES SIDE

Pin	Wire color
1	BROWN
2	-
3	BLUE
4	BLACK

M12 4 POLE

VIEW FROM THE WIRES SIDE

Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK



88 = M12x2
DOUBLE ENDED

Poles:
3 = 3 POLES
4 = 4 POLES
5 = 5 POLES

Cable:
E02 = PVC, 0.25mm², BLACK
E03 = PVC, 0.34mm², BLACK
H09 = PUR, 0.34mm², BLACK
H69 = PUR, 0.2mm², GRAY
I03 = PVC, 0.34mm², GRAY
I12 = PVC, 0.5mm², GRAY
I20 = PVC, 0.34mm², GRAY
I26 = PVC, 0.34mm², GRAY, SHLD
K03 = TPE, YELLOW
K05 = TPE, YELLOW
P03 = PUR, 0.34mm², BLACK
P04 = PUR, 0.5mm², BLACK
P12 = PVC, YELLOW
P20 = PUR, 0.34mm², BLACK
P82 = PUR, 0.34mm², ORANGE

Unit:
M = meter
F = feet
A = inches
C = centimeters

Length:
Example:
010 = 1
050 = 5
100 = 10

Header:
030 = FEMALE STRAIGHT - MALE STRAIGHT
020 = FEMALE STRAIGHT - MALE STRAIGHT WITH FEMALE NUT

M12 5 POLE

VIEW FROM THE WIRES SIDE

Pin	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GRAY or GREEN-YELLOW

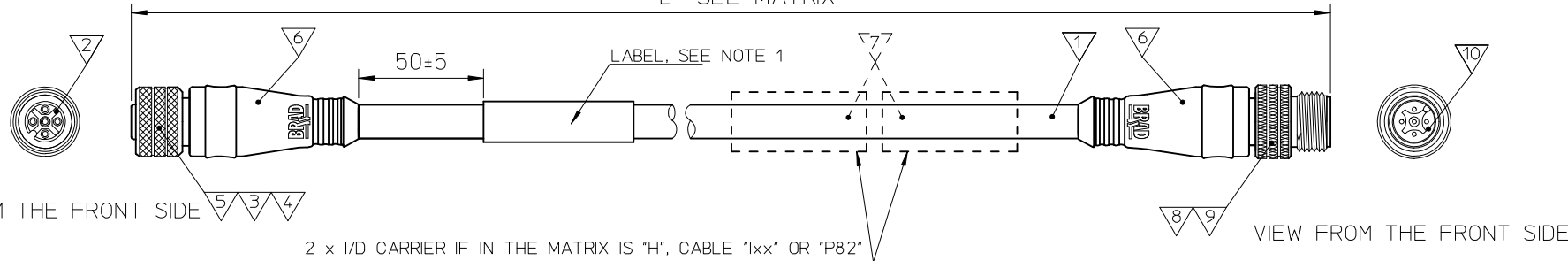
Tablica tolerancji dlugosci
Table of length tolerances

Powyzej Over	Do-wlacznie Up to and including	Tolerancja (+) Tolerance
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% dlugosci of length

H = 2pcs. of I/D Carrier
Couplin Nut:
Blank = KNU
1, 8 = Stainless steel
5 = DERLIN
7 = TEFLON KNU
9 = KNU/HEX

Overmould:
Blank = Black
A = Gray
G = Black
Y = Yellow

L -SEE MATRIX



Bill of Materials

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
10	1	INSERT M12 MALE	SEE MATRIX	SEE MATRIX
9	-	CONTACT MALE	SEE MATRIX	SEE MATRIX
8	1	COUPLING NUT MALE M12	SEE MATRIX	SEE MATRIX
7	-	ID CARRIER	SEE MATRIX	SEE MATRIX
6	-	MOLDING MATERIAL	SEE MATRIX	SEE MATRIX
5	1	O-RING	FPM	RED
4	-	CONTACT FEMALE	SEE MATRIX	SEE MATRIX
3	1	COUPLING NUT FEMALE M12	SEE MATRIX	SEE MATRIX
2	1	INSERT M12 FEMALE	SEE MATRIX	SEE MATRIX
1	-	CABLE	SEE MATRIX	SEE MATRIX

NOTES:

1. LABEL ON THE CABLE
FOR CABLES "Ixx" OVERPRINT ON THE CABLE

ORIGINAL RELEASE EC NO: IPG2016-0305 DRWN: AKONDRACIUK 2015/08/28 CHKD: FGAIK 2015/08/28 APPR: MIWASIECZKO 2015/09/16	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▼=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	MM ONLY	---	METRIC		
		ANGULAR ± 1 °	DRAWN BY: AKONDRACIUK DATE: 2015/08/28	TITLE	M12 DOUBLE ENDED FE STR / MA STR		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY: FGAIK DATE: 2015/08/28	APPROVED BY: MIWASIECZKO DATE: 2015/09/16			
		MATERIAL NO. SEE MATRIX	DOCUMENT NO. SD-120066-061		SHEET NO. 1 OF 1		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					