

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 CHKD: LHARTMAN APPR: JFMURPHY 2010/01/29	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			IN/MM		1:1	METRIC		
			mm	INCH	MICRO-CHANGE CORDSET 3/4/5 P. FE STR/ MA STR 22/3-5 YELLOW TPE CABLE			
			4 PLACES ±--	±--				
			3 PLACES ±--	±--				
			2 PLACES ±--	±.01				
			1 PLACE ±0.3	±--	MOLEX INCORPORATED			
			ANGULAR ± -- °					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
			3	REV	SIZE		SD-120066-011	
A3								
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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]

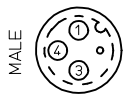
POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
4	1200660683	884030K05M003	.3M +19.1 -0 [.98' +.75" -0]
4	1200660684	884030K05M005	.5M +44.5 -0 [1.64' +1.75" -0]
4	1200660686	884030K05M006	.6M +44.5 -0 [1.97' +1.75" -0]
4	1200660687	884030K05M010	1.0M +55.6 -0 [3.27' +2.19" -0]
4	1200660688	884030K05M015	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 ▽ = 0 ▽C = 0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					IN/MM		1:1	METRIC		
					DRAWN BY DATE		MICRO-CHANGE CORDSET 3/4/5 P. FE STR/ MA STR 22/3-5 YELLOW TPE CABLE			
			4 PLACES ±-- ±--		LSTEMMLE 2010/01/25					
			3 PLACES ±-- ±--		CHECKED BY DATE		MOLEX INCORPORATED			
			2 PLACES ±-- ±.01		RE 2010/01/26					
			1 PLACE ±0.3 ±--		APPROVED BY DATE		SD-120066-011			
			ANGULAR ± -- °		NSTAUDIG 2010/01/29					
					MATERIAL NO.		DOCUMENT NO.			SHEET NO.
					SEE TABLE					2 OF 2
3	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
			A3							

PART No MATRIX

OPTIONS

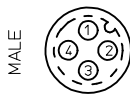
M12 3 POLE



VIEWS FROM THE WIRES SIDE

Pn	Wire color
1	BROWN
2	-
3	BLUE
4	BLACK

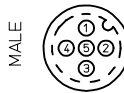
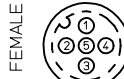
M12 4 POLE



VIEWS FROM THE WIRES SIDE

Pn	Wire color
1	BROWN
2	WHITE
3	BLUE
4	BLACK

M12 5 POLE



VIEWS FROM THE WIRES SIDE

Pn	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-wlacznice 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

88 = M12x2
DOUBLE ENDEDPoles:
3 = 3 POLES
4 = 4 POLES
5 = 5 POLES

Header:

030 = FEMALE STRAIGHT - MALE STRAIGHT

020 = FEMALE STRAIGHT - MALE STRAIGHT WITH FEMALE NUT

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

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

VIEW FROM THE FRONT SIDE

2 x I/D CARRIER IF IN THE MATRIX IS "H", CABLE "Ixx" OR "P82"

VIEW FROM THE FRONT SIDE

Bill of Materials

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
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

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 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
					DRAWN BY DATE AKONDRACIUK 2015/08/28		TITLE M12 DOUBLE ENDED FE STR / MA STR							
					CHECKED BY DATE FGAIK 2015/08/28									
					APPROVED BY DATE MIWASIECZKO 2015/09/16		molex							
			ANGULAR ± 1 °		MATERIAL NO.						DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE MATRIX						SD-120066-061		1 OF 1	
A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												