

PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300060643	103003A01F030	3.0FT [91.4M]
1300060647	103003A01F060	6.0FT [1.8M]
1300060657	103003A01F200	20.0FT [6.1M]

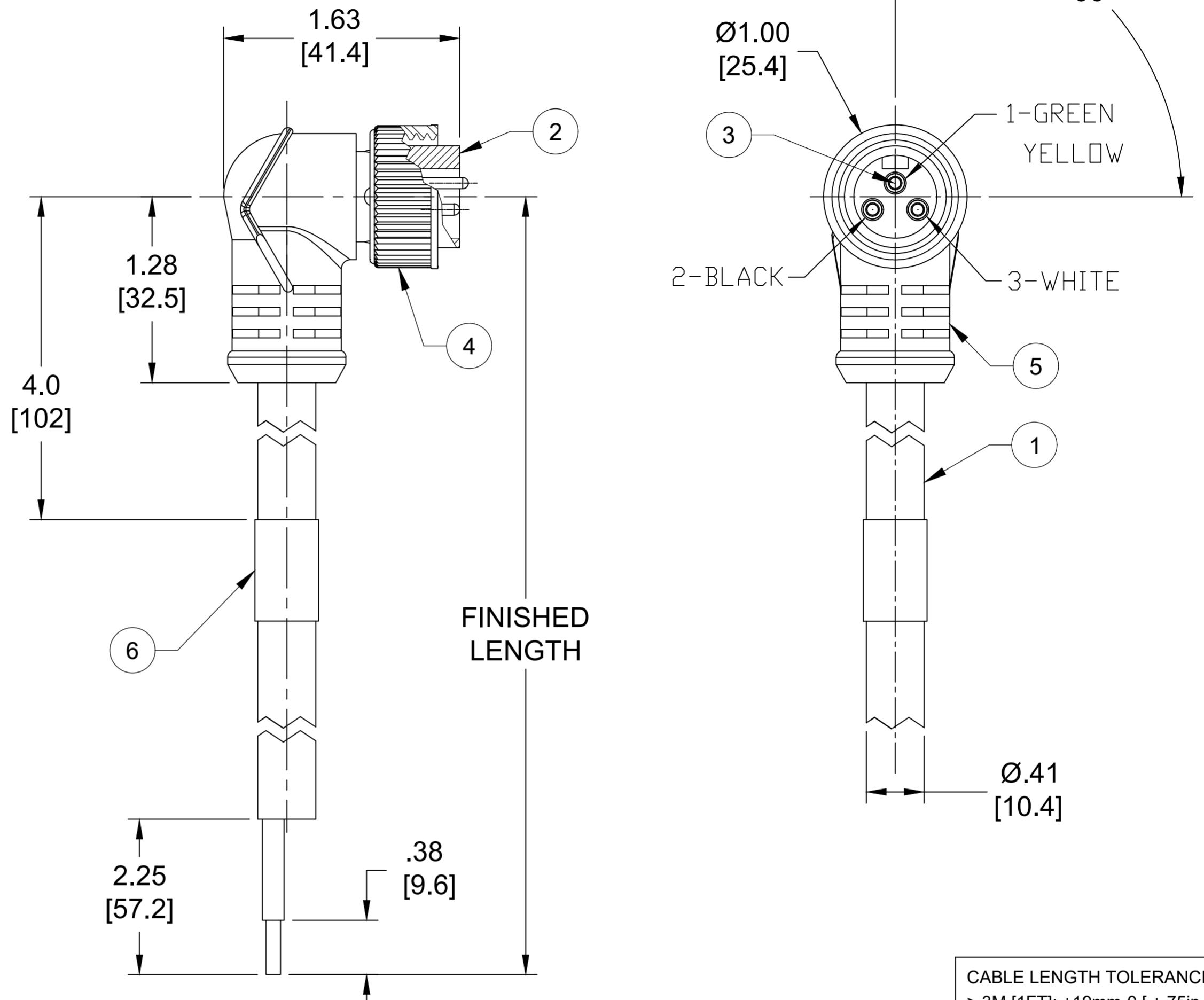
REF. THIS DRAWING SUPERSEDES SD-130006-035 REV-1 A

PART NUMBER LEGEND

103003A01F030

POLE COUNT

FINISHED LENGTH:
F010= 1.0 FEET
F100= 10.0 FEET
M005= 0.5 METER
M010= 1.0 METER
M100= 10. METER



NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 500V PER IEC60664
600V PER UL2238
4. CURRENT: 13A
4. TEMP RATING: -20° TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8-16UN
7. UL RECOGNIZED FILE: E152210
8. CSA CERTIFIED FILE: LR6837
8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

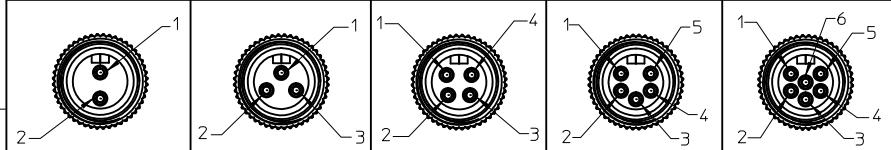
CABLE LENGTH TOLERANCES
>.3M [1FT]: +19mm-0 [+ .75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

ITEM	DESCRIPTION	MATERIAL	FINISH
6	WRAP LABEL	VINYL	BLACK/YELLOW
5	OVERMOLD	TPE	YELLOW
4	COUPLING NUT, INT. THD	ZINC DIE-CAST	NICKEL PLATED
3	CONTACT PIN	COPPER ALLOY	GOLD PLATED
2	MALE INSERT	TPE	YELLOW
1	CABLE, 16/3, STOW	PVC JACKET	YELLOW
	ITEM	DESCRIPTION	MATERIAL
	ITEM	DESCRIPTION	FINISH

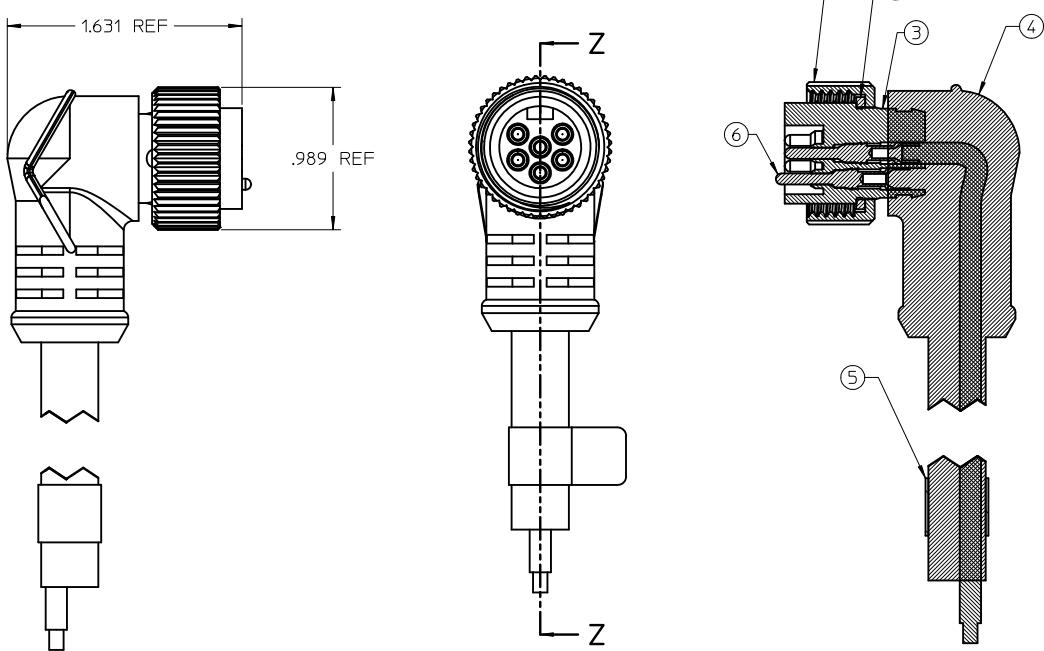
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			molex
	DIMENSION UNITS	SCALE	CURRENT REV DESC: REDRAWN, WAS SD-130006-035	
INCH/MM	1:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)				
mm	INCH			
4 PLACES	±----	±----	EC NO: 624117	
3 PLACES	±----	±----	DRWN: RSTONE	2019/09/10
2 PLACES	±----	±----	CHK'D: MZIELINSKI	2019/09/19
1 PLACE	±----	±----	APPR: BWOODMAN	2019/10/03
0 PLACES	±----	±----	INITIAL REVISION:	
ANGULAR TOL	± --- °		DRWN: RSTONE	2019/09/10
DRAFT WHERE APPLICABLE			APPR: BWOODMAN	2019/10/03
MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	
			DRAWING	
			SERIES	
			130006	
			MATERIAL NUMBER	CUSTOMER
			130006	---
				SHEET NUMBER
				1 OF 1

13 12 11 10 9 8 7 6 5 4 3 2 1

FRONT VIEW - MALE ASSEMBLY



1. WHITE 2. BLACK	1. GREEN/YELLOW 2. BLACK 3. WHITE	1. BLACK 2. WHITE 3. RED 4. GREEN/YELLOW	1. WHITE 2. RED 3. GREEN/YELLOW 4. ORANGE 5. BLACK	1. WHITE 2. RED 3. GREEN/YELLOW 4. ORANGE 5. BLACK 6. BLUE
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Section Z-Z

ENTER DESCRIPTION		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1.5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
EC NO:	WNA2010-04/29		mm	INCH	DRAWN BY NKUMAR01	DATE 01/11/2010			
REV/N:	2010/01/12			CHECKED BY BWOODMAN	DATE 01/11/2010				
CHKD:	2010/01/14			APPROVED BY JFMURPHY	DATE 2010/01/14				
APPR:	FMURPHY	ANGULAR $\pm 1/2^\circ$							
REV:	2010/01/14								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 9999999999		DOCUMENT NO. SD-130006-035		SHEET NO. 1 OF 2	
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

MINI A SIZE 90° MALE ASSEMBLY

2 POLE	3 POLE	4 POLE	5 POLE	6 POLE
QUANTITY				
1	1	1	1	1
1	1	1	1	1
1				
	1			
		1		
			1	
				1
2	3	4	5	6
1	1	1	1	1
1				

SL. No.	DESCRIPTION	MATERIAL	FINISH	2 POLE	3 POLE	4 POLE	5 POLE	6 POLE
1	COUPLING NUT	ZINC DIECAST	BLACK E-COATED	1	1	1	1	1
2	FRICTION RING	NYLON	NATURAL	1	1	1	1	1
3	2P MALE INSERT PVC A SIZE	PVC	YELLOW	1				
	3P MALE INSERT PVC A SIZE	PVC	YELLOW		1			
	4P MALE INSERT PVC A SIZE	PVC	YELLOW			1		
	5P MALE INSERT PVC A SIZE	PVC	YELLOW				1	
	6P MALE INSERT PVC A SIZE	PVC	YELLOW					1
4	#16 AWG YELLOW STOOW/ST CORD	PVC JACKET	YELLOW	2	3	4	5	6
5	LABEL,WRAP AROUND LABEL-2 x 3	PLASTIC FILM	BLACK/YELLOW	1	1	1	1	1
6	PIN CONTACT	COPPER ALLOY	GOLD PLATED	1	1	1	1	1

POLE COUNT	MAX. VOLTAGE RATING	MAX. CURRENT RATING	CABLE DIAMETER
2 POLE	600 VOLTS	13 AMPS	.37" / 9.4mm
3 POLE	600 VOLTS	13 AMPS	.41" / 10.4mm
4 POLE	600 VOLTS	10 AMPS	.42" / 10.7mm
5 POLE	600 VOLTS	8 AMPS	.50" / 12.7mm
6 POLE	600 VOLTS	8 AMPS	.54" / 13.7mm

PART NUMBER	DESCRIPTION	FINISHED LENGTH
1300060192	102003A01F030	3' +1.75" -0 [.9M + 44.5 -0]
1300060194	102003A01F060	6' +2.19" -0 [1.8M + 55.6 -0]
1300060196	102003A01F120	12' +3.50" -0 [3.7M +88.9 -0]
1300060200	102003A01F200	20' +6.50" -0 [6.1M +165.1 -0]
1300060643	103003A01F030	3' +1.75" -0 [.9M + 44.5 -0]
1300060647	103003A01F060	6' +2.19" -0 [1.8M + 55.6 -0]
1300060651	103003A01F120	12' +3.50" -0 [3.7M +88.9 -0]
1300060657	103003A01F200	20' +6.50" -0 [6.1M +165.1 -0]
1300061084	104003A01F030	3' +1.75" -0 [.9M + 44.5 -0]
1300061087	104003A01F060	6' +2.19" -0 [1.8M + 55.6 -0]
1300061090	104003A01F120	12' +3.50" -0 [3.7M +88.9 -0]
1300061095	104003A01F200	20' +6.50" -0 [6.1M +165.1 -0]
1300061516	105003A01F030	3' +1.75" -0 [.9M + 44.5 -0]
1300061518	105003A01F060	6' +2.19" -0 [1.8M + 55.6 -0]
1300061521	105003A01F120	12' +3.50" -0 [3.7M +88.9 -0]
1300061524	105003A01F200	20' +6.50" -0 [6.1M +165.1 -0]
1300061700	106003A01F030	3' +1.75" -0 [.9M + 44.5 -0]
1300061703	106003A01F060	6' +2.19" -0 [1.8M + 55.6 -0]
1300061706	106003A01F120	12' +3.50" -0 [3.7M +88.9 -0]
1300061713	106003A01F200	20' +6.50" -0 [6.1M +165.1 -0]

ENTER DESCRIPTION EC NO: WNA2010-04-29 DRAWN BY:WOODMAN CHKD: J.MURPHY APPR: J.MURPHY REV: 1	QUALITY SYMBOLS ▼=0 △=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH	DIMENSION STYLE IN/MM DRAWN BY DATE NKUMAR01 01/11/2010	SCALE 3:1 DESIGN UNITS INCH TITLE MC 6P MP 90D 16/4 STOOOW
		4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES \pm --- \pm --- 1 PLACE \pm --- \pm ---	CHECKED BY DATE BWOODMAN 01/11/2010	
		ANGULAR \pm 1/2°	APPROVED BY DATE JFMURPHY 2010/01/14	molex MOLEX INCORPORATED
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 9999999999	DOCUMENT NO. SD-130006-035 SHEET NO. 2 OF 2
			SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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