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

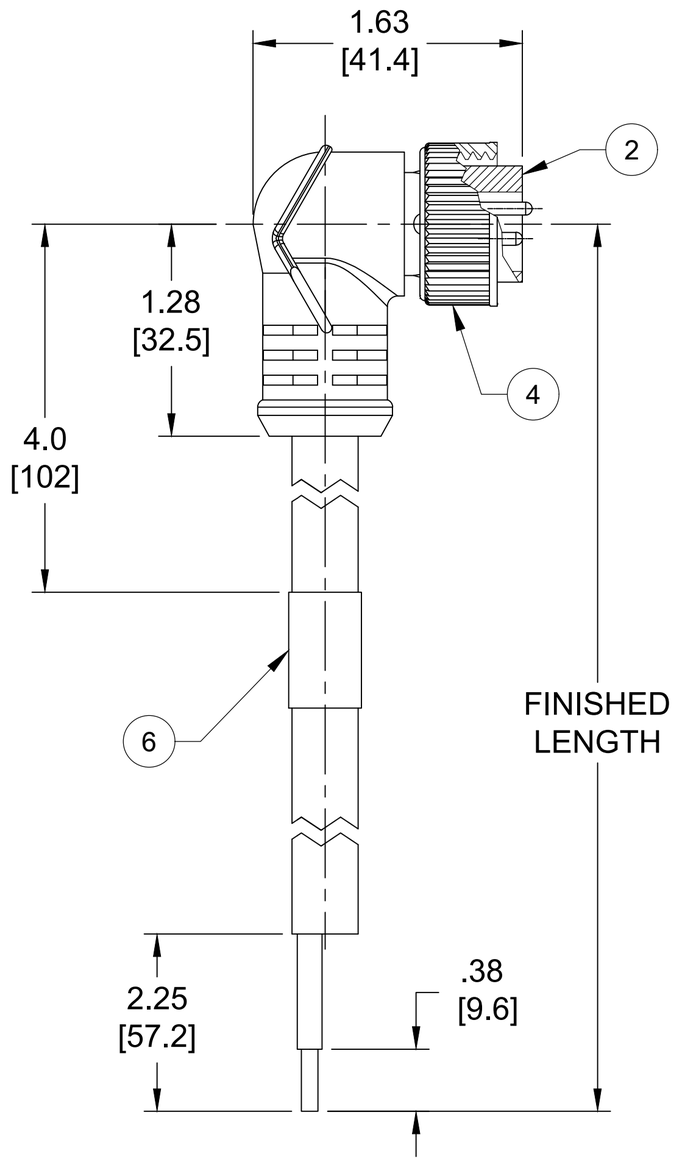
REF. THIS DRAWING SUPERSEDES SD-130006-035 REV-1 (A)

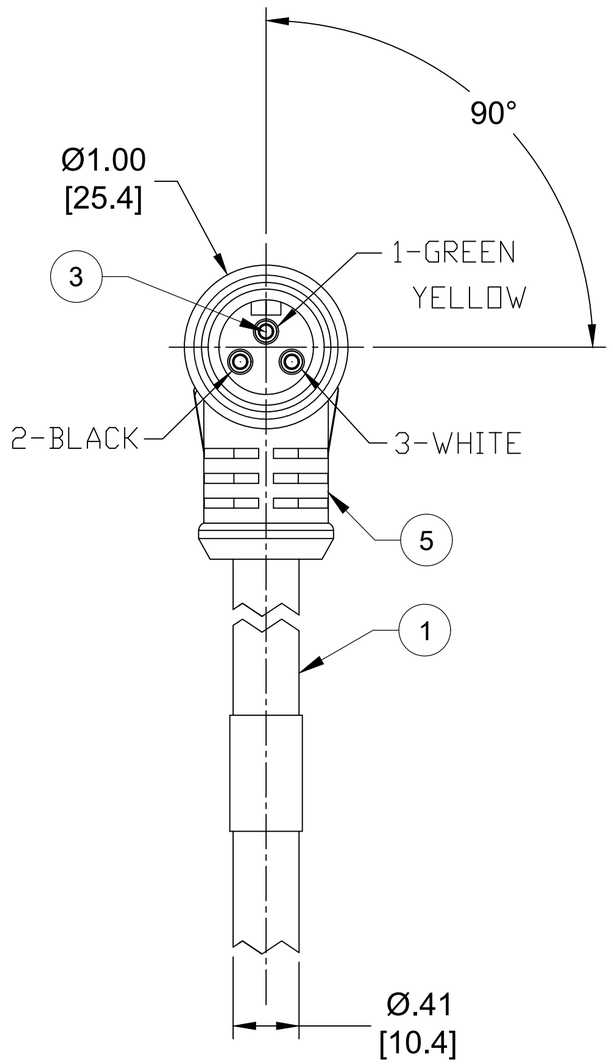
PART NUMBER LEGEND

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
   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
   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, STOOW	PVC JACKET	YELLOW

DOCUMENT STATUS: P1 | RELEASE DATE: 2019/10/03 19:14:54

SYMBOLS: FA = 0, FC = 0, FB = 0, S = 0, = 0, C = 0, = 0, = 0, = 0

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

DIMENSION UNITS: INCH/MM | SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----
ANGULAR TOL ±	---- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REDRAWN, WAS SD-130006-035

EC NO: 624117
DRWN: RSTONE 2019/09/10
CHK'D: MZIELINSKI 2019/09/19
APPR: BWOODMAN 2019/10/03

INITIAL REVISION:
DRWN: RSTONE 2019/09/10
APPR: BWOODMAN 2019/10/03

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 130006

molex

MINI CHANGE CABLE ASSY, 3P, MALE, 90 DEG
16AWG, STOOW, INTERNAL THREAD

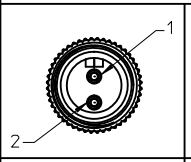
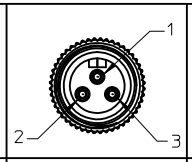
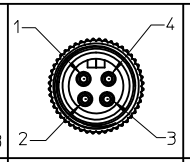
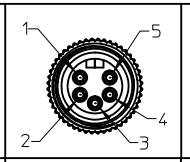
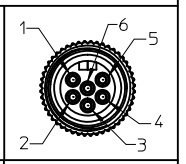
PRODUCT CUSTOMER DRAWING

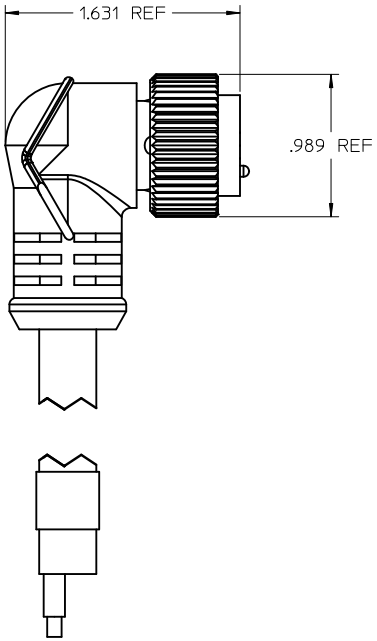
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1300060643	PSD	000	A

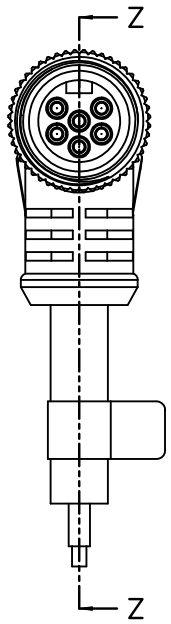
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	----	1 OF 1

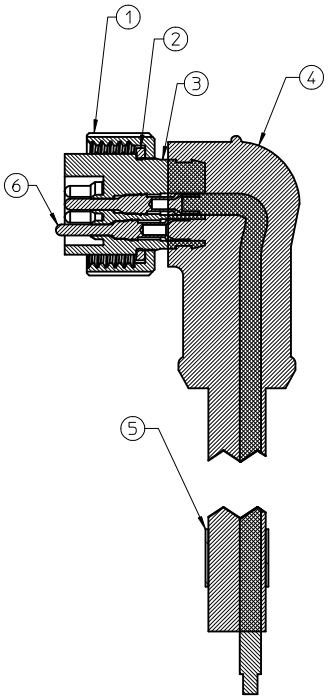
FORMAT: ACAD-tb-prod-C
REVISION: A1
DATE: 2019/06/12

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







Section Z-Z

ENTER DESCRIPTION
EC NO: WNA2010-0429 2010/01/12
DRWN:BWOODMAN 2010/01/14
CH'KD:
APPR:JFMURPHY 2010/01/14
DESCRIPTION
1
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM	SCALE: 1.5:1	DESIGN UNITS: INCH	THIRD ANGLE PROJECTION
DRAWN BY: NKUMAR01 DATE: 01/11/2010	TITLE: MC 6P MP 90D 16/4 STOOW		
CHECKED BY: BWOODMAN DATE: 01/11/2010			
APPROVED BY: JFMURPHY DATE: 2010/01/14	molex MOLEX INCORPORATED		
MATERIAL NO.: 9999999999	DOCUMENT NO.: SD-130006-035	SHEET NO.: 1 OF 2	
SIZE: C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

Sl. No.	DESCRIPTION	MATERIAL	FINISH	MINI A SIZE 90° MALE ASSEMBLY				
				2 POLE	3 POLE	4 POLE	5 POLE	6 POLE
				QUANTITY				
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: WNA2010-0429 2010/01/12
DRWN:BWOODMAN 2010/01/14
CHKD:
APPR:JFMURPHY 2010/01/14
DESCRIPTION
1
REV

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 3:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: NKUMAR01 DATE: 01/11/2010
CHECKED BY: BWOODMAN DATE: 01/11/2010
APPROVED BY: JFMURPHY DATE: 2010/01/14

TITLE
MC 6P MP
90D 16/4 STOOW

molex MOLEX INCORPORATED

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