

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300062505	103107K13M010	3'3" (1M)
1300062506	103107K13M020	6'7" (2M)
1300062507	103107K13M030	9'10" (3M)

**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

**CABLE MECHANICAL INFO:**

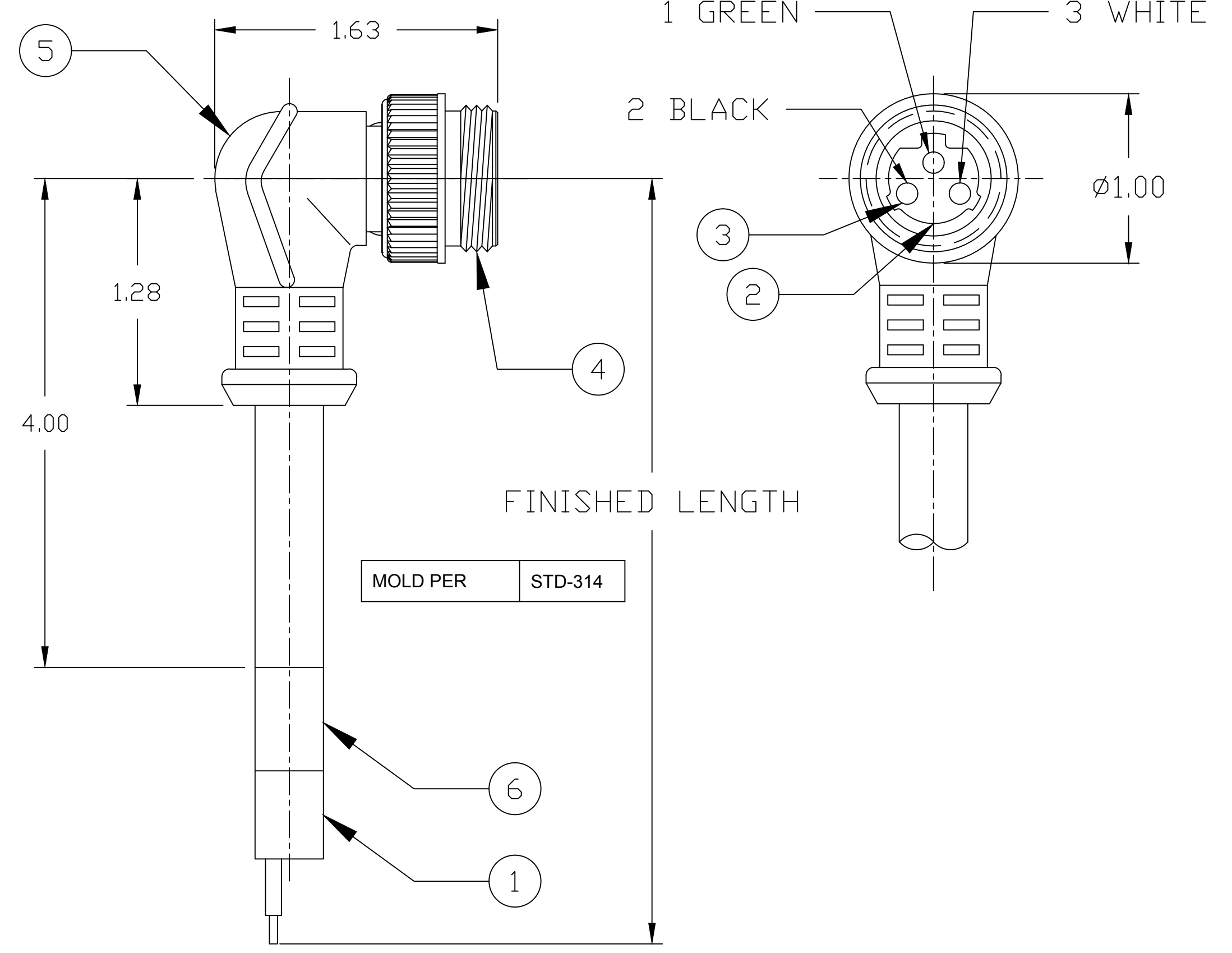
TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

**PART NUMBER LEGEND**  
 103107K13M010

CABLE TYPE → 16/3 TPE HI-FLEX  
 FINISHED LENGTH → M010 = 1 METER  
 M020 = 2 METER  
 M030 = 3 METER

- NOTES:**
- MATERIAL: AS NOTED
  - FINISH: AS NOTED
  - ELECTRICAL:  
 VOLTAGE: 500V PER IEC60664  
 600V PER UL2238  
 CURRENT: 13A
  - TEMP RATING: -20°TO +90°C
  - PROTECTION: IP67 (WHEN MATED)
  - COUPLING THREAD: 7/8-16
  - UL LISTED FILE: PENDING
  - ALL DIMS ARE FOR REFERENCE UNLESS NOTED OTHERWISE

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
6	1	WRAP LABEL	VINYL	BLACK/YELLOW
5	1	OVERMOLD	PVC	GRAY
4	1	COUPLING, A-SIZE, EXT. THD.	ZINC DIE-CAST	BLACK
3	3	CONTACT PIN	Cu ALLOY	GOLD PLATED
2	1	INSERT, MALE, TRI KEY	PVC	BLACK
1	1	CABLE, 16/3	TPE JACKET	YELLOW



INITIAL RELEASE EC NO: IPG2018-0215 DRWN: CCHRSTK 2017/10/03 CHKD: RSTONE 2017/10/04 APPR: BWOODMAN	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 C=0	mm INCH	INCH	---	INCH		
		4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±---	DRAWN BY DATE CCHRSTK 2017/10/03	TITLE MINI-CHANGE MALE 90 DEG 3 POLES 16AWG 600V			
		ANGULAR ±---°	CHECKED BY DATE RSTONE 2017/10/04	MOLEX INCORPORATED			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-130006-075	SHEET NO. 1 OF 1		
		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				