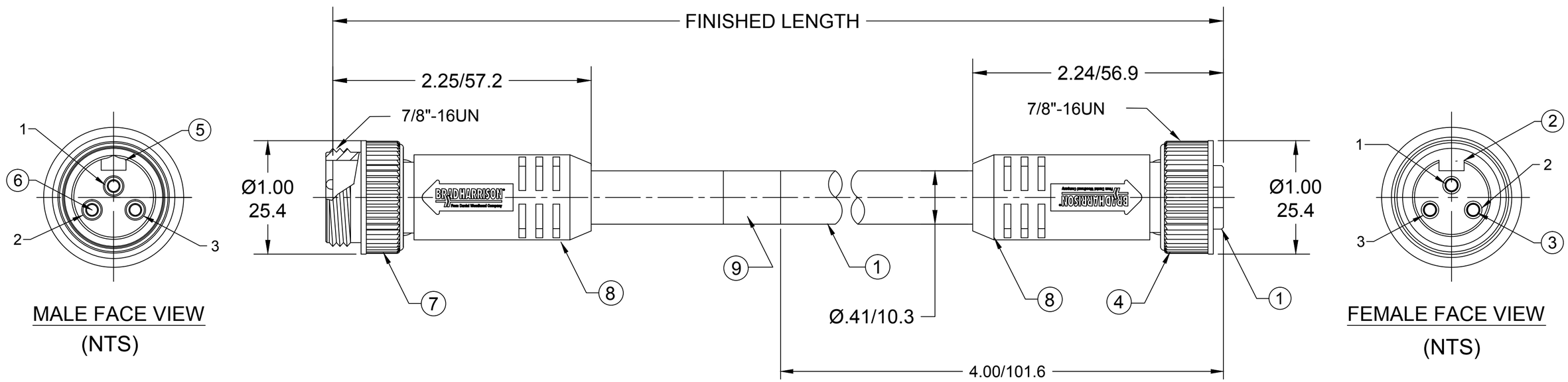
PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300102070	113030K13M005	0.5M+44.5mm-0 [1'8"+1.75"-0]
1300100487	113030K13M010	1.0M+55.6mm-0 [3'3"+2.19"-0]
1300100488	113030K13M020	2.0M+88.9mm-0 [6'7"+3.50"-0]

CHART



MALE FACE VIEW
(NTS)

FEMALE FACE VIEW
(NTS)

NOTES:
1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
   VOLTAGE: 500V PER IEC 60664
   600V PER UL 2238
   CURRENT: 13A
4. TEMP RATING: -40°TO +90°C (D)
5. PROTECTION: IP67 (WHEN MATED)
6. UL CERTIFICATION: UL LISTED, FILE NO. E152210
7. ALL DIMS ARE FOR REFERENCE
   UNLESS NOTED OTHERWISE

113030K13M010 (D)

cable length

M005= 0.5 METER
M010= 1.0 METER
M100= 10.0 METER

1	GREEN-YELLOW	1
2	BLACK	2
3	WHITE	3

WIRING DIAGRAM

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

MECHANICAL CHARACTERISTICS:

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

ITEM	DESCRIPTION	MATERIAL	FINISH
9	WRAP LABEL	VINYL	BLACK/YELLOW
8	OVERMOLD	ARNITEL	YELLOW
7	COUPLING, MALE	ZINC DIE-CAST	BLACK
6	CONTACT PIN	COPPER ALLOY	GOLD PLATED
5	MALE INSERT (A-SIZE)	ARNITEL	YELLOW
4	COUPLING, FEMALE	ZINC DIE-CAST	BLACK
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT (A-SIZE)	ARNITEL	YELLOW
1	CABLE, 16/3 TC-ER (HI-FLEX)	TPE JACKET	YELLOW

REV'D UPDATE TEMP & ENGINEERING NUM
EC NO: IPG2018-0001
DRWN: AAKHTAR 2017/07/06
CH'KD: MZIELIN 2017/07/06
APPR: BWOODMAN2015/08/12
DESCRIPTION
REV D

QUALITY SYMBOL
▼=0
(C)=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: BARDEN DATE: 2015/08/12
CHECKED BY: TWOLDEGE DATE: 2009/03/27
APPROVED BY: JFMURPHY DATE: 2015/08/12

TITLE: MINI-CHANGE CORDSET 3 POLE MALE/FEMALE TPE CABLE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE MATRIX
DOCUMENT NO.: SD-130010-001
SHEET NO.: 1 0F 1
SIZE: C

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