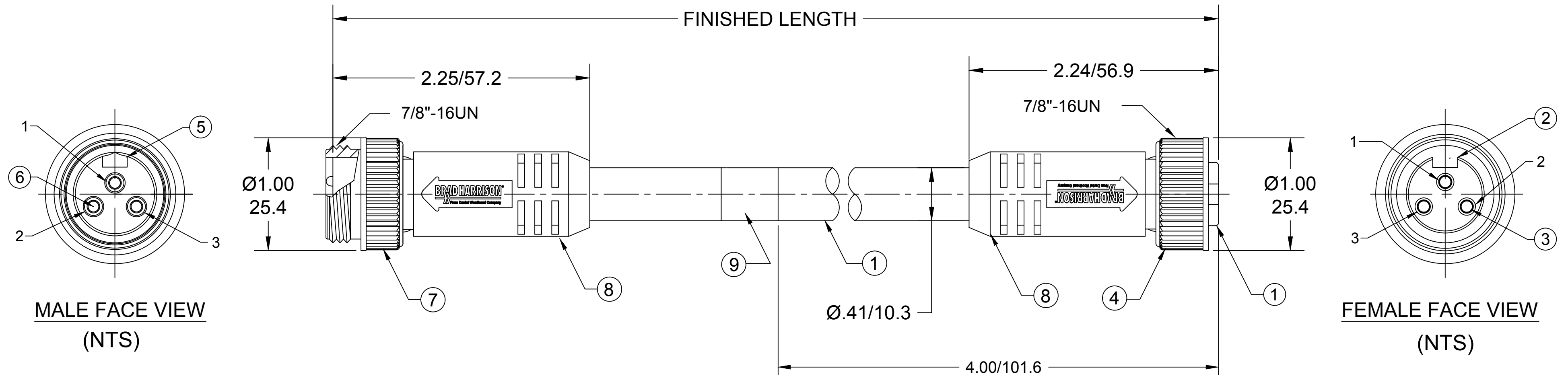


PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300102070	113030K13M005	0.5M+44.5mm-0 [1'8"+1.75"-0]
1300100487	113030K13M010	1.0M+55.6mm-0 [3'3"+2.19"-0]
1300100488	113030K13M020	2.0M+88.9mm-0 [6'7"+3.50"-0]

CHART



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 <sup>(D)</sup>
5. PROTECTION: IP67 (WHEN MATED)
6. UL CERTIFICATION: UL LISTED, FILE NO. E152210
7. ALL DIMS ARE FOR REFERENCE UNLESS NOTED OTHERWISE

# 113030K13M010 <sup>(D)</sup>

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	REV	DESCRIPTION	QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION							
	EC NO:	IPG2018-0001	DRWN:						AAKHTAR 2017/07/06	4 PLACES	mm	INCH	DRAWN BY	DATE	TITLE
	CH'KD:	MZIELIN 2017/07/06	3 PLACES						±---	±---	BARDEN	2015/08/12	MINI-CHANGE CORDSET		
	APPR:	BWOODMAN2015/08/12	2 PLACES						±---	±---	TWOLDEGE	2009/03/27	3 POLE MALE/FEMALE TPE CABLE		
			ANGULAR ±---	1 PLACE	±---	±---	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.				
			▽=0				JFMURPHY	2015/08/12	SEE MATRIX	SD-130010-001	1 OF 1				
			▽C=0												
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								