

12	11	10	9	8	7	6	5	4	3	2	1
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH	CABLE LENGTH TOLERANCES <.3M [1FT]: +19mm-0 [+.75in-0] .3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]								
1300120009	331020A01F060	6 FT. (1.82 M)									
1300120016	331020A01F120	12 FT. (3.66 M)									
1300120019	331020A01F200	20 FT. (6.10 M)									

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]

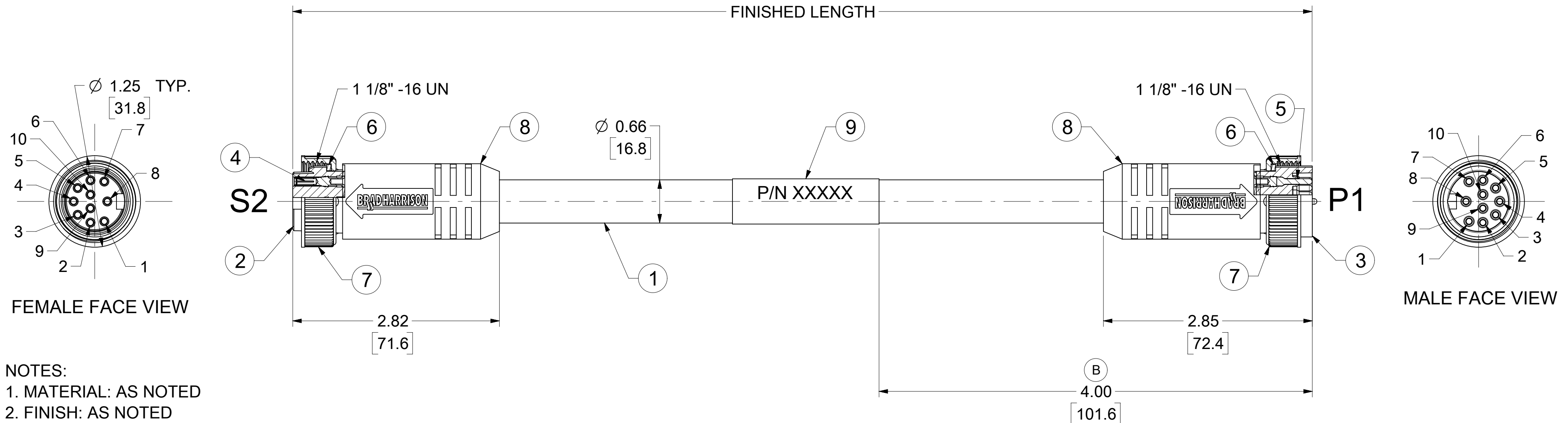
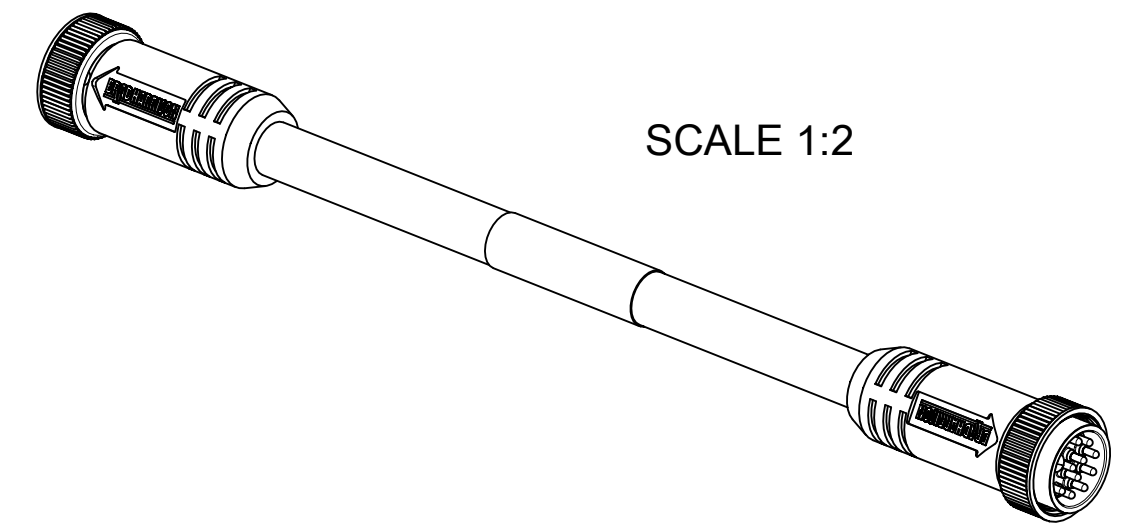
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]

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



NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

- ### 3. ELECTRICAL:

VOLTAGE: 320V PER IEC60664

600V PER UL2238

CURRENT: 7A

4. TEMP RATING: -20°C TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. CSA CERTIFIED FILE: LR6837

7. UL RECOGNIZED FILE: E152210

- ## 8. ASSEMBLY IS ROHS COMPLIANT

9. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

B	9	LABEL	VINYL	BLACK/YELLOW	(B)
	8	OVERMOLD	TPE	YELLOW	(B)
	7	COUPLING NUT	ZINC DIE CAST	BLACK E-COAT	
	6	FRICTION RING	NYLON	NATURAL	
	5	PIN CONTACT	Cu ALLOY	GOLD OVER NICKEL	
	4	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL	
	3	MALE INSERT	TPE	YELLOW	(B)
A	2	FEMALE INSERT	TPE	YELLOW	(B)
	1	#16-10 CABLE, STOOV/ST	PVC JACKET	YELLOW	
	ITEM	DESCRIPTION	MATERIAL	FINISH	

WIRING DIAGRAM

S2		P1
1	ORANGE	1
2	BLUE	2
3	WHITE/BLACK	3
4	RED/BLACK	4
5	GREEN/BLACK	5
6	ORANGE/BLACK	6
7	RED	7
8	GREEN/YELLOW	8
9	BLACK	9
10	WHITE	10

PART NUMBER MATRIX

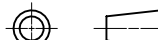
331020A01F060

— FINISHED LENGTH

F001= .1 FT

F020= 2 FT

F200= 20 FT

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED ITEM #2,3,8,9, LABEL DIM. & MATERIAL P/N TABLE, ADDED CSA, UL, IEC VOLT, TEMP RATING, IP RATING, TOL. CHART & PART NUMBER MATRIX					molex						
INCH/MM		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)									MINI-CHANGE CORDSET, C SIZE 10 POLE, MALE/FEMALE, STRAIGHT, SINGLE KEY, 16AWG						
	MM	INCH													
4 PLACES	±	±													
3 PLACES	±	±		PRODUCT CUSTOMER DRAWING					DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION			
2 PLACES	±	± 0.01													
1 PLACE	±	0.3	±												
0 PLACES	±	±		INITIAL REVISION: DRWN: RSTONE 2009/08/17 APPR: JFMURPHY 2009/08/21					SD-130012-003		PSD	001	B		
ANGULAR TOL		± 0.5 °													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 130012		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	