

6

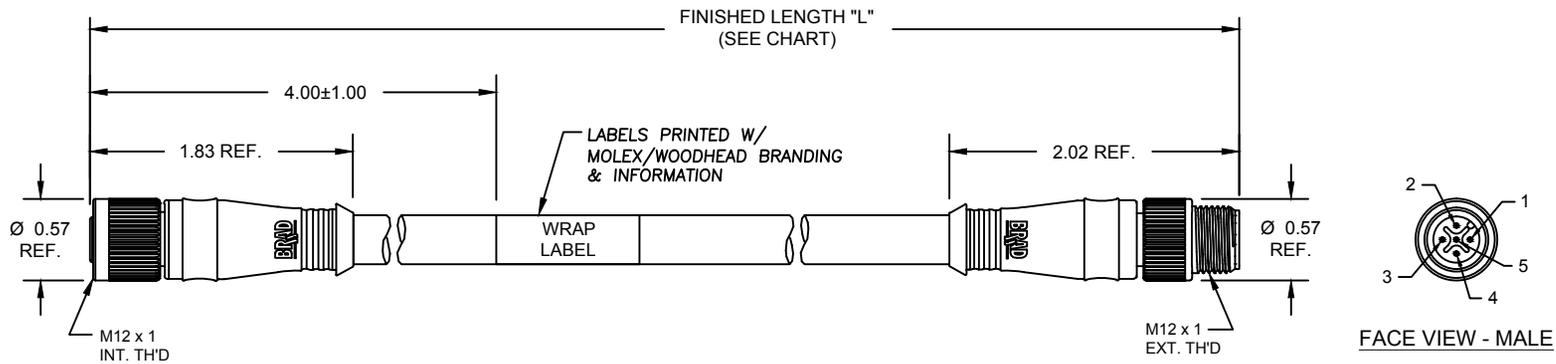
5

4

3

2

1



1	BROWN	1
2	WHITE	2
3	BLUE	3
4	BLACK	4
5	GRAY	5

MOLEX SAP P/N#	ENGINEERING P/N#	"L" (Meters)	"L" (INCH)	TOLERANCE (INCH)
1200661779	885030KF3M005N	0.5 M	19.68"	+1.75"/-0.00"
1200661751	885030KF3M010N	1.0 M	39.37"	+2.19"/-0.00"
1200661780	885030KF3M015N	1.5 M	59.05"	+2.19"/-0.00"
1200661752	885030KF3M020N	2.0 M	78.74"	+3.50"/-0.00"
1200661781	885030KF3M025N	2.5 M	98.42"	+3.50"/-0.00"
1200661753	885030KF3M030N	3.0 M	118.11"	+3.50"/-0.00"
1200661782	885030KF3M035N	3.5 M	137.79"	+3.50"/-0.00"
1200661754	885030KF3M040N	4.0 M	157.48"	+6.50"/-0.00"
1200661755	885030KF3M050N	5.0 M	196.85"	+6.50"/-0.00"
1200661756	885030KF3M060N	6.0 M	236.22"	+6.50"/-0.00"
1200661757	885030KF3M080N	8.0 M	314.96"	+12.50"/-0.00"
1200661758	885030KF3M100N	10.0 M	393.70"	+12.50"/-0.00"
1200661759	885030KF3M120N	12.0 M	472.44"	+12.50"/-0.00"
1200661760	885030KF3M150N	15.0 M	590.55"	+24.50"/-0.00"
1200661761	885030KF3M200N	20.0 M	787.40"	+24.50"/-0.00"

#### 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

#### SPECIFICATIONS:

COUPLING NUT MATERIAL: ZINC DIECAST WITH  
BLACK ELECTROPHORETIC COATING  
CONTACT MATERIAL: GOLD/NICKEL OVER COPPER ALLOY  
INSERT MATERIAL: BLACK NYLON  
OVERMOLD MATERIAL: YELLOW TPE  
O-RING MATERIAL: VITON

CABLE: #18/5 YELLOW TPE  
20 MILLION CYCLE HI-FLEX  
PLTC & FT4 RATED

ASSEMBLY RATING: 250V, 4A

ENVIRONMENTAL: -20°C TO 105°C  
IP67 WHEN MATED

AGENCY: UL LISTED

UPDATED FLEX-CYCLE RATING EC NO: IFC2015-1830 DRWN: GGUSTAFS 2015/04/20 CHKD: BARDEN 2015/06/19 APPR: BWOODMAN 2012/03/20	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE INCH		SCALE 3:4	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		4 PLACES	±---	±---	DRAWN BY	DATE	TITLE <b>M12 CORDSET ASSEMBLY 5P MALE/FEMALE #18/5 TPE CABLE</b>			
		3 PLACES	±---	±.005	VOU	2011/02/03				
		2 PLACES	±0.13	±0.010	CHECKED BY	DATE	MOLEX <b>MOLEX INCORPORATED</b>			
1 PLACE	±0.25	±0.020	LHARTMAN	2012/02/17						
		ANGULAR ±1/2°		APPROVED BY	DATE	MATERIAL NO. <b>SEE CHART</b>				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		JFMURPHY	2012/03/20					
				SIZE A		DOCUMENT NO. SD-120066-041		SHEET NO. 1 OF 1		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

6

5

4

3

2

1