

6

5

4

3

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1

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E

D

D

C

C

B

B

A

A

6

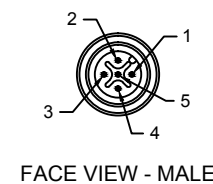
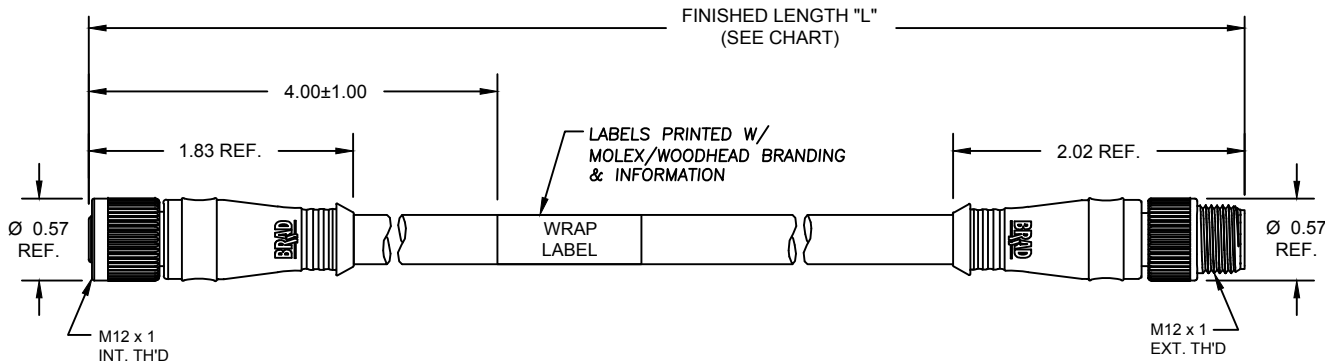
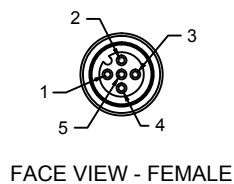
5

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
REV 3

QUALITY SYMBOLS
▽=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm
4 PLACES	±---
3 PLACES	±---
2 PLACES	±0.13
1 PLACE	±0.25
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
INCH	
DRAWN BY	DATE
VOU	2011/02/03
CHECKED BY	DATE
LHARTMAN	2012/02/17
APPROVED BY	DATE
JFMURPHY	2012/03/20
MATERIAL NO.	SEE CHART
SIZE	A

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
3:4	INCH	☉
TITLE		
M12 CORDSET ASSEMBLY		
5P MALE/FEMALE		
#18/5 TPE CABLE		
MOLEX MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-120066-041	1 OF 1
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