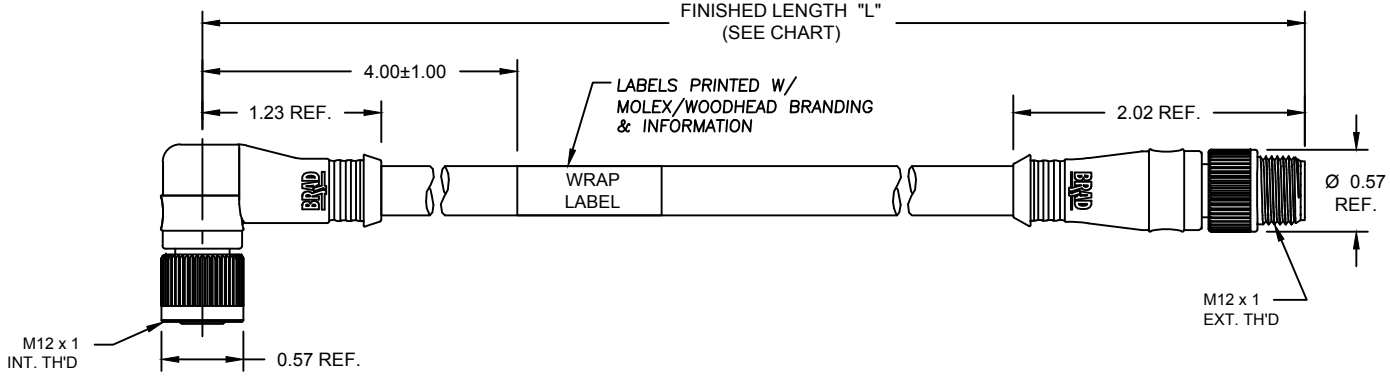
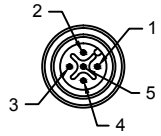
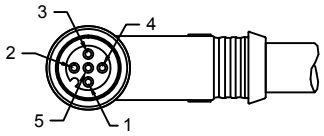




FACE VIEW - MALE



FACE VIEW - FEMALE

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)
1200661828	885031KF3M005N	0.5 M	19.68"	+1.75"/-0.00"
1200661829	885031KF3M010N	1.0 M	39.37"	+2.19"/-0.00"
1200661830	885031KF3M015N	1.5 M	59.05"	+2.19"/-0.00"
1200661831	885031KF3M020N	2.0 M	78.74"	+3.50"/-0.00"
1200661832	885031KF3M025N	2.5 M	98.42"	+3.50"/-0.00"
1200661833	885031KF3M030N	3.0 M	118.11"	+3.50"/-0.00"
1200661834	885031KF3M035N	3.5 M	137.79"	+3.50"/-0.00"
1200661835	885031KF3M040N	4.0 M	157.48"	+6.50"/-0.00"
1200661836	885031KF3M050N	5.0 M	196.85"	+6.50"/-0.00"
1200661837	885031KF3M060N	6.0 M	236.22"	+6.50"/-0.00"
1200661838	885031KF3M080N	8.0 M	314.96"	+12.50"/-0.00"
1200661839	885031KF3M100N	10.0 M	393.70"	+12.50"/-0.00"
1200661840	885031KF3M120N	12.0 M	472.44"	+12.50"/-0.00"
1200661841	885031KF3M150N	15.0 M	590.55"	+24.50"/-0.00"
1200661842	885031KF3M200N	20.0 M	787.40"	+24.50"/-0.00"

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
10 MILLION CYCLE HI-FLEX
PLTC & FT4 RATED

ASSEMBLY RATING: 250V, 4A

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

AGENCY: UL LISTED

REV	DESCRIPTION	DRWN	CHKD	APPR	DATE
2	A20111063?-0422 RELEASE EC NO: WNA2011-0422	VOU	LHARTMAN	JFMURPHY	2011/07/28 2012/03/20

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±.005
2 PLACES	±0.13	±.010
1 PLACE	±0.25	±.020
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH
SCALE: 3:4
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: VOU DATE: 2011/01/31
CHECKED BY: TWOLDEGE DATE: 2011/07/29
APPROVED BY: JFMURPHY DATE: 2012/03/20

TITLE: M12 CORDSET ASSEMBLY
5P MALE/FEMALE ST/90
#18/5 TPE CABLE

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-120066-045
SHEET NO.: 1 OF 1

SIZE: A

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