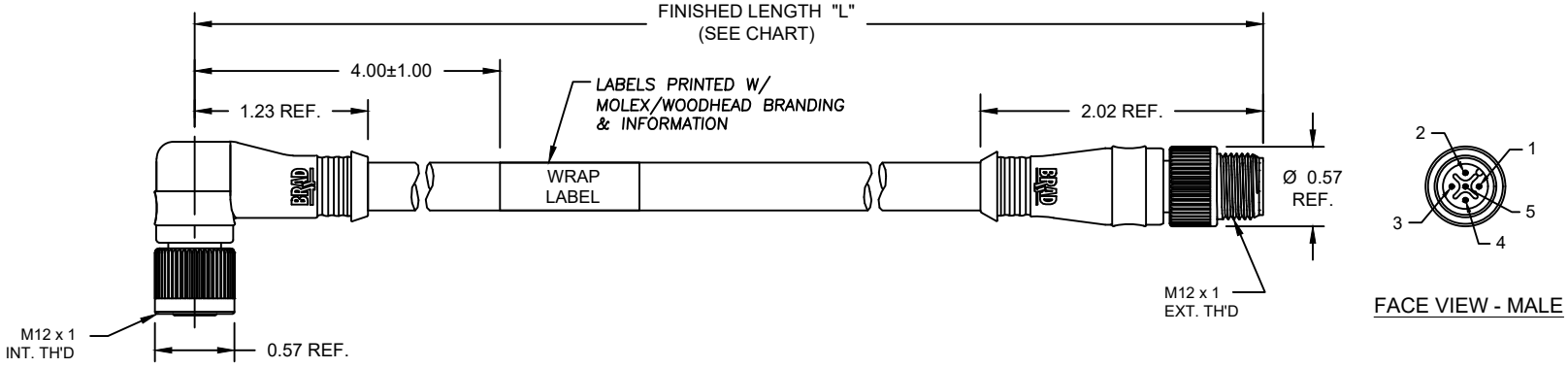
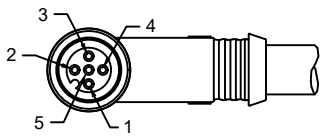


FACE VIEW - MALE



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)
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"
1200661839	885031KF3M100N	10.0 M	393.70"	+12.50"/-0.00"
1200661840	885031KF3M120N	12.0 M	472.44"	+12.50"/-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

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/06 10:03:28

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: INCH | SCALE: 3:4

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±0.005
2 PLACES	±0.13	±0.01
1 PLACE	±0.25	±0.02
0 PLACES	±----	±----
ANGULAR TOL ± 0.5 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBERS AS PER PCN#516685

EC NO: 830097
DRWN: SANATK1 2025/07/28
CHK'D: GGA 2025/08/06
APPR: GGA 2025/08/06

INITIAL REVISION:
DRWN: VOU 2011/01/31
APPR: JFMURPHY 2012/03/20

THIRD ANGLE PROJECTION | DRAWING: A-SIZE | SERIES: 120066

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120066-045	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1