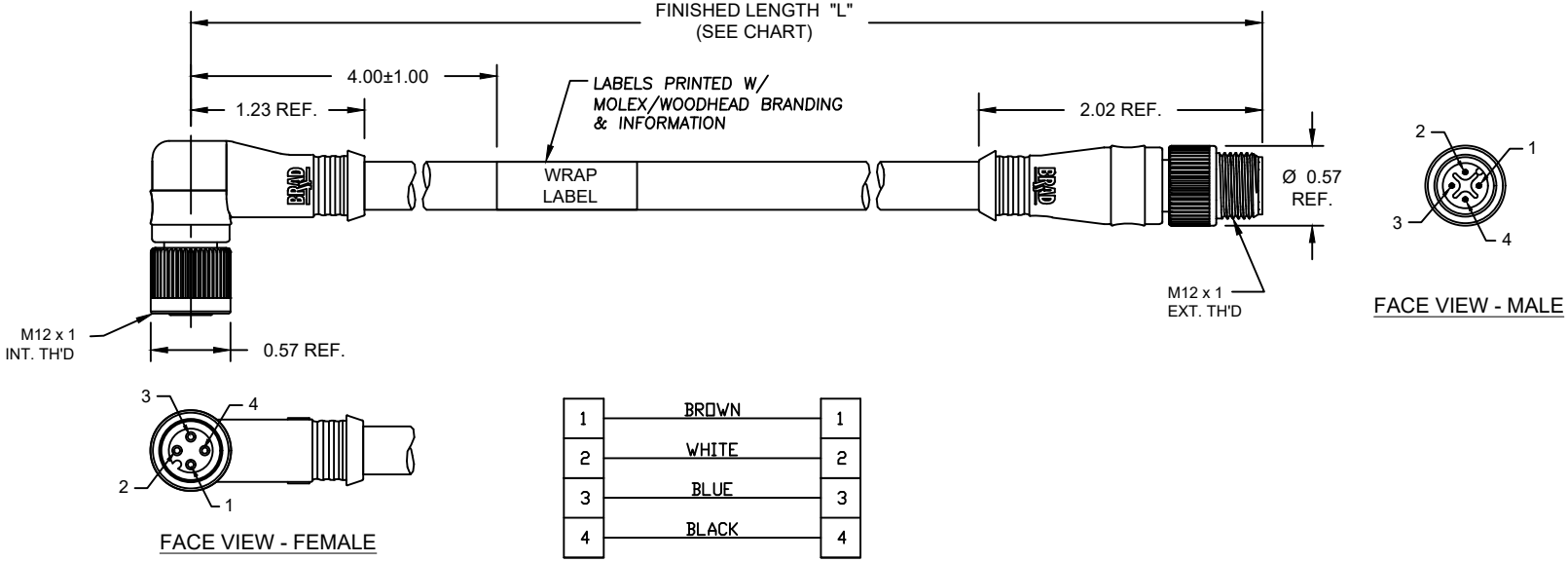



| MOLEX SAP P/N# | ENGINEERING P/N# | "L" (Meters) | "L" (INCH) | TOLERANCE (INCH) |
|---|---|---|---|---|
| 1200661783 | 884031KF3M005N | 0.5 M | 19.68" | +1.75"/-0.00" |
| 1200661784 | 884031KF3M010N | 1.0 M | 39.37" | +2.19"/-0.00" |
| 1200661785 | 884031KF3M015N | 1.5 M | 59.05" | +2.19"/-0.00" |
| 1200661786 | 884031KF3M020N | 2.0 M | 78.74" | +3.50"/-0.00" |
| 1200661787 | 884031KF3M025N | 2.5 M | 98.42" | +3.50"/-0.00" |
| 1200661788 | 884031KF3M030N | 3.0 M | 118.11" | +3.50"/-0.00" |
| 1200661789 | 884031KF3M035N | 3.5 M | 137.79" | +3.50"/-0.00" |
| 1200661790 | 884031KF3M040N | 4.0 M | 157.48" | +6.50"/-0.00" |
| 1200661791 | 884031KF3M050N | 5.0 M | 196.85" | +6.50"/-0.00" |
| 1200661793 | 884031KF3M080N | 8.0 M | 314.96" | +12.50"/-0.00" |
| 1200661794 | 884031KF3M100N | 10.0 M | 393.70" | +12.50"/-0.00" |
| 1200661795 | 884031KF3M120N | 12.0 M | 472.44" | +12.50"/-0.00" |
| 1200661796 | 884031KF3M150N | 15.0 M | 590.55" | +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: #18/4 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*

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

| DIMENSION UNITS | SCALE |
|---|---|
| INCH | 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
4P MALE/FEMALE ST/90 #18/4 TPE CABLE

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-120066-042 | PSD | 001 | A |

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

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/08/06 10:03:27 |
|---|---|---|---|

FORMAT: IN-ACAD-tb-prod-A
REVISION: C
DATE: 2022/10/04