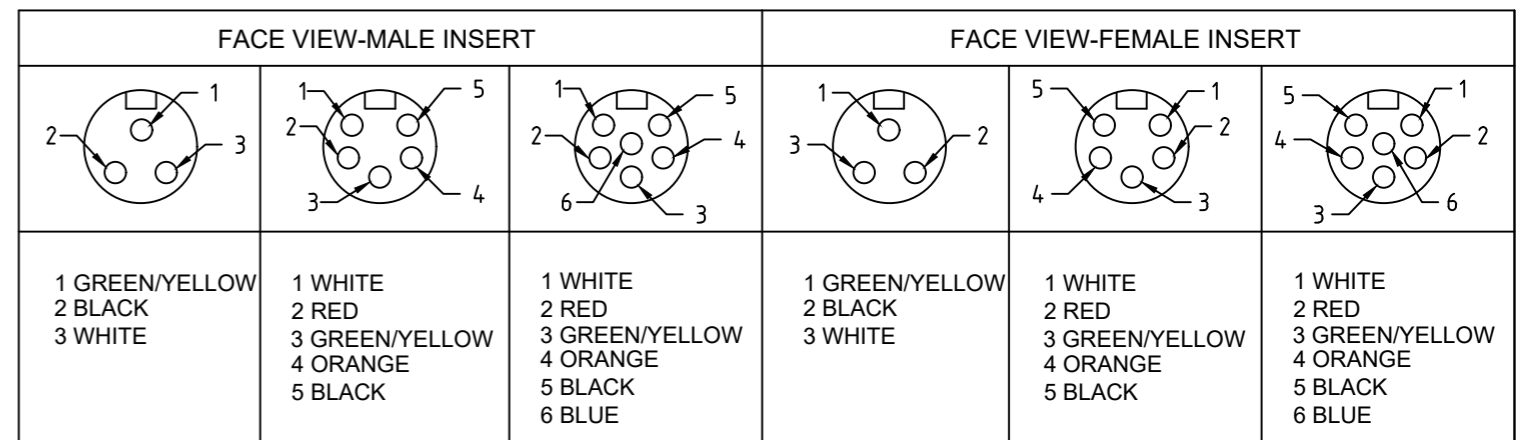
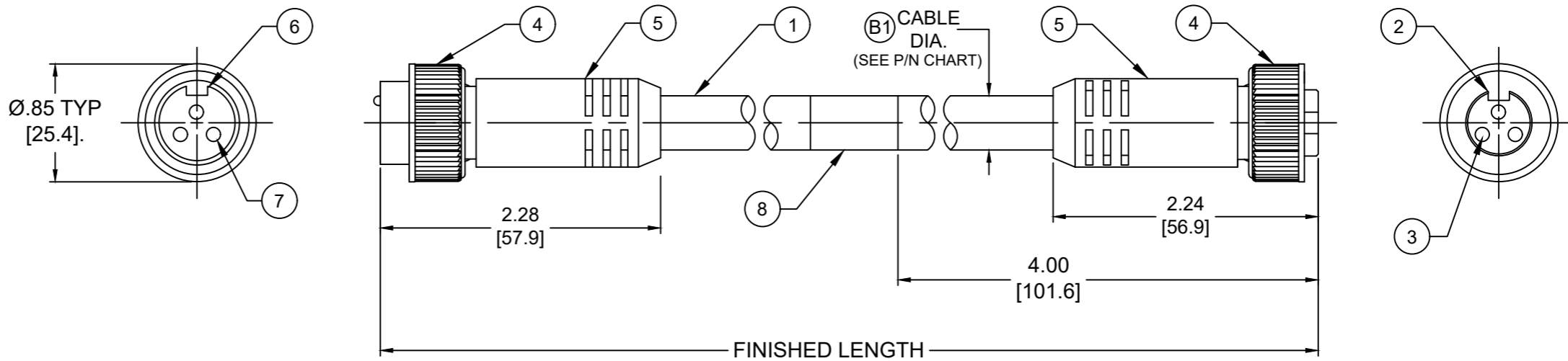


| PART NO | ENGINEERING NO. | FINISHED LENGTH | POLES | CABLE DIA. (B1) |
|------------|-----------------|--------------------|-------|-----------------|
| 1300100348 | 113020K13M010 | 1M [3 FT 3 IN] | 3 | .41[10.4] |
| 1300102036 | 115020K13M060 | 6M [19 FT 8 IN] | 5 | .4[10.2] |
| 1300101656 | 116020K13M990 | 99M [324 FT 10 IN] | 6 | .45[11.4] |



- NOTES:
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
3 POLE: VOLTAGE: 500V PER IEC60664
600V PER UL2238
CURRENT: 13A
5 & 6 POLE: VOLTAGE: 400V PER IEC60664
600V PER UL2238
CURRENT: 8A - 6C
10A - 5C
 - TEMP RATING: -20°C TO +90°C (B1)
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: 7/8-16 UN (B1)
 - UL LISTED PER FILE: E152210
 - ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



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 |

PART NO. MATRIX
113020K13M010

POLES (3,5,6)

FINISHED LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

CABLE LENGTH TOLERANCES

| | |
|--------------------------|-------------------------|
| <.3M [1FT]: | +19mm-0 [+1.75in-0] |
| .3 - .9M [1 - 3FT]: | +44.5mm-0 [+1.75in-0] |
| .9 - 1.8M [3 - 6FT]: | +55.6mm-0 [+2.19in-0] |
| 1.8 - 3.7M [6 - 12FT]: | +88.9mm-0 [+3.50in-0] |
| 3.7 - 7.3M [12 - 24FT]: | +165.1mm-0 [+6.50in-0] |
| 7.3-14.6M [24 - 48FT]: | +317.5mm-0 [+12.50in-0] |
| 14.6 - 30.5M [48-100FT]: | +622.3mm-0 [+24.50in-0] |
| OVER 30M [100FT] | +2% OF FINISHED LENGTH |

| ITEM | COMPONENT | MATERIAL | FINISH |
|------|----------------------------|---------------|--------------|
| 8 | WRAP LABEL | VINYL | BLACK/YELLOW |
| 7 | CONTACT PIN | COPPER ALLOY | GOLD PLATED |
| 6 | MALE INSERT | TPE | YELLOW |
| 5 | OVERMOLD | TPE | YELLOW |
| 4 | COUPLING | ZINC DIE-CAST | BLACK |
| 3 | CONTACT SOCKET | COPPER ALLOY | GOLD PLATED |
| 2 | FEMALE INSERT | TPE | YELLOW |
| 1 | CABLE, 16AWG, TPE, HI-FLEX | TPE JACKET | YELLOW |

| | | | | |
|--|---|---------------------------|------------------------------|--|
| FUNCTIONAL SYMBOLS F=0 E=0 P=0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | DIMENSION UNITS | SCALE | | |
| | INCH/MM | NTS | EC NO: 645633 | |
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DRWN: ABENJAMINLW 2020/09/21 | |
| 4 PLACES ±--- ±--- | | CHK'D: RSTONE 2020/09/29 | | |
| 3 PLACES ±--- ±--- | | APPR: BWOODMAN 2020/10/23 | | |
| 2 PLACES ±--- ±--- | | INITIAL REVISION: | | |
| 1 PLACE ±--- ±--- | | DRWN: RSTONE 2016/11/30 | | |
| 0 PLACES ±--- ±--- | | APPR: BWOODMAN 2016/12/20 | | |
| ANGULAR TOL ± --- ° | | DRAWING SERIES | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | B-SIZE 130010 | | |
| THIRD ANGLE PROJECTION | | MATERIAL NUMBER | | |
| DRAWING | | CUSTOMER | | |
| SERIES | | SHEET NUMBER | | |
| SEE CHART | | GENERAL MARKET | | |
| 1 OF 1 | | | | |