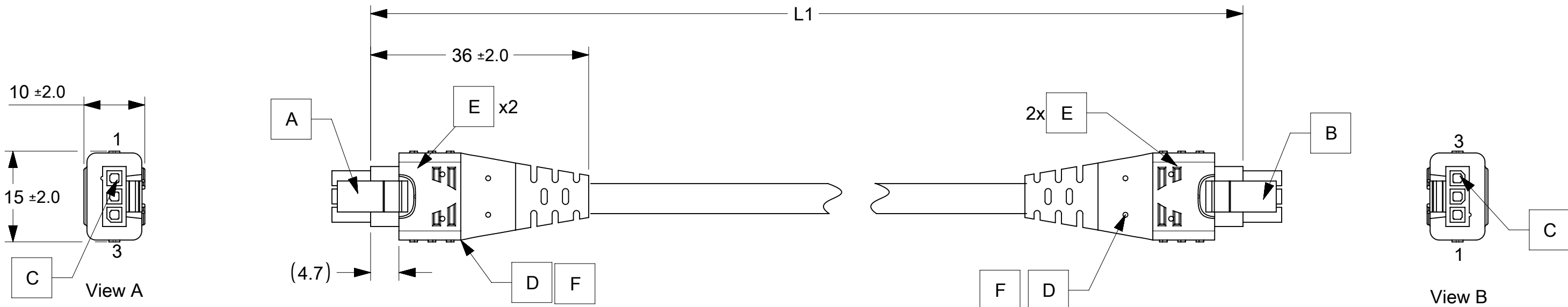


|      |           |                                       |     |     |   |   |   |   |   |
|------|-----------|---------------------------------------|-----|-----|---|---|---|---|---|
| 10   | 9         | 8                                     | 7   | 6   | 5 | 4 | 3 | 2 | 1 |
| ITEM | MOLEX P/N | DESCRIPTION                           | QTY | UOM |   |   |   |   |   |
| A,B  | 436450300 | MicroFit 3.0 Receptacle Sgl Row 3Ckt  | 2   | PC  |   |   |   |   |   |
| C    | 430300001 | MicroFit 3.0 F Crp Term Chn Tin 20-24 | 6   | PC  |   |   |   |   |   |
| D    | --        | RESIN TPE NAT SANTOPRENE              | A/R | KG  |   |   |   |   |   |
| E    | --        | MOLD PART INNER CAP                   | 4   | PC  |   |   |   |   |   |
| F    | --        | MASTER BATCH BLACK COLOR              | A/R | KG  |   |   |   |   |   |

|      |    |                          |       |
|------|----|--------------------------|-------|
| FROM | TO | CABLE DESCRIPTION        | COLOR |
| A1   | B1 | 3CX20AWG UNSHD BK UL2464 | BLUE  |
| A2   | B2 |                          | RED   |
| A3   | B3 |                          | WHITE |



NOTES:

- MOLDING MATERIAL:
  - 1.1 INNERCAP: PA66 NYLON RESIN.
  - 1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK.
- ELECTRICAL PERFORMANCE:
  - 2.1 VOLTAGE RATING: 300V AC.
  - 2.2 THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-36586-004.
    - 1) DIELECTRONIC STRENGTH: 500V DC/0.01 SEC.
    - 2) INSULATION RESISTANCE: 20M OHMS
- CONNECTOR VIEWS ARE SHOWN FROM MATING SIDE.
- MECHANICAL PERFORMANCE:
  - 4.1 CABLE HARNESS SHOULD WITHSTAND AN AXIAL FORCE OF 5KGF FOR ONE MINUTE BETWEEN OVERMOLD AND CONNECTOR WITHOUT PHYSICAL DAMAGE.
  - 4.2 OVERMOLD SIDE CAN PASS THE BENDING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.

| TABLE       |                                      |         |
|-------------|--------------------------------------|---------|
| PART NUMBER | TITLE                                | L1      |
| 2147700305  | 3CKT OVERMOLDED MICROFIT CABLE 500MM | 500±10  |
| 2147700310  | 3CKT OVERMOLDED MICROFIT CABLE 1M    | 1000±20 |
| 2147700320  | 3CKT OVERMOLDED MICROFIT CABLE 2M    | 2000±25 |
| 2147700330  | 3CKT OVERMOLDED MICROFIT CABLE 3M    | 3000±30 |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/05/10 | 12:49:31 |
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|                                                            |                                                                                                                                               |                        |       |                   |                   |                 |            |                  |  |          |  |          |  |   |  |                 |  |                |  |              |  |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|-------------------|-------------------|-----------------|------------|------------------|--|----------|--|----------|--|---|--|-----------------|--|----------------|--|--------------|--|
| FUNCTIONAL SYMBOLS                                         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |       |                   |                   |                 |            |                  |  |          |  |          |  |   |  |                 |  |                |  |              |  |
| DIVISIONAL SYMBOLS                                         | DIMENSION UNITS                                                                                                                               |                        | SCALE |                   | CURRENT REV DESC: |                 |            | <div>molex</div> |  |          |  |          |  |   |  |                 |  |                |  |              |  |
|                                                            | mm                                                                                                                                            |                        | NTS   |                   |                   |                 |            |                  |  |          |  |          |  |   |  |                 |  |                |  |              |  |
|                                                            | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                        |       |                   | SEE TABLE         |                 |            |                  |  |          |  |          |  |   |  |                 |  |                |  |              |  |
|                                                            | ANGULAR TOL    ±    °                                                                                                                         |                        |       |                   |                   |                 |            |                  |  |          |  |          |  |   |  |                 |  |                |  |              |  |
|                                                            | 4 PLACES                                                                                                                                      |                        | ±     |                   | EC NO: 662516     |                 | 2021/04/30 |                  |  |          |  |          |  |   |  |                 |  |                |  |              |  |
|                                                            | 3 PLACES                                                                                                                                      |                        | ±     |                   | DRWN: SBS04       |                 |            |                  |  |          |  |          |  |   |  |                 |  |                |  |              |  |
|                                                            | 2 PLACES                                                                                                                                      |                        | ±     |                   | CHK'D: MNARAYAN01 |                 | 2021/05/10 |                  |  |          |  |          |  |   |  |                 |  |                |  |              |  |
|                                                            | 1 PLACE                                                                                                                                       |                        | ±     |                   | APPR: MNARAYAN01  |                 | 2021/05/10 |                  |  |          |  |          |  |   |  |                 |  |                |  |              |  |
| 0 PLACES                                                   |                                                                                                                                               | ±                      |       | INITIAL REVISION: |                   | DOCUMENT NUMBER |            | DOC TYPE         |  | DOC PART |  | REVISION |  |   |  |                 |  |                |  |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                               | THIRD ANGLE PROJECTION |       | DRAWING           |                   | SERIES          |            | 2147700305       |  | PSD      |  | 000      |  | B |  |                 |  |                |  |              |  |
|                                                            |                                                                                                                                               |                        |       |                   |                   |                 |            |                  |  |          |  |          |  |   |  | MATERIAL NUMBER |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                            |                                                                                                                                               |                        |       |                   |                   |                 |            |                  |  |          |  |          |  |   |  | SEE TABLE       |  | GENERAL MARKET |  | 1 OF 1       |  |
|                                                            |                                                                                                                                               |                        |       |                   |                   |                 |            |                  |  |          |  |          |  |   |  | A3-SIZE         |  | 214770         |  |              |  |