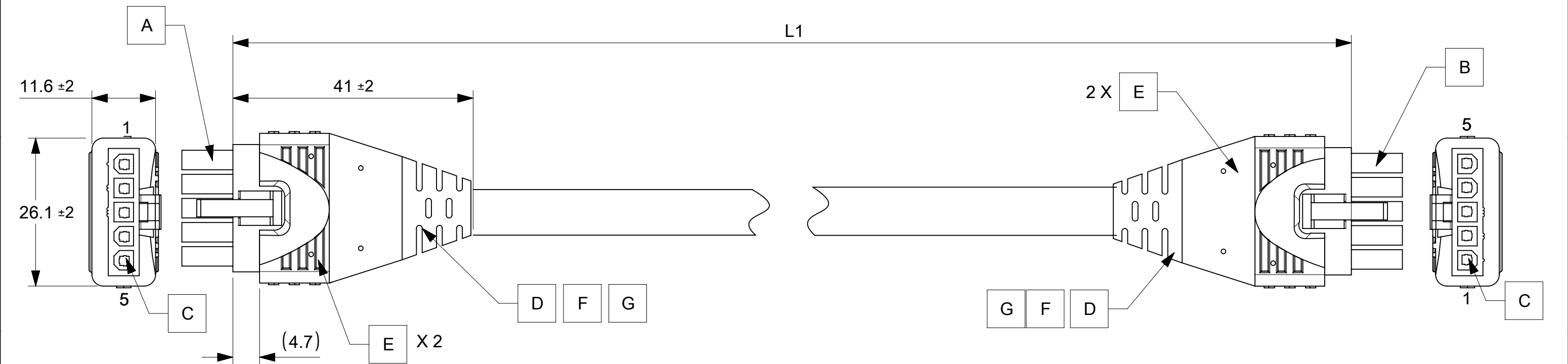


|      |           |                                       |     |     |
|------|-----------|---------------------------------------|-----|-----|
| 10   | 9         | 8                                     | 7   | 6   |
| ITEM | MOLEX P/N | DESCRIPTION                           | QTY | UOM |
| A,B  | 39014051  | MiniFit Jr Rcpt SR V-0 5Ckt           | 2   | PC  |
| C    | 39000077  | MiniFit Term Crp Fem Chn Bs Tin 16awg | 10  | PC  |
| D    | --        | RESIN TPE NAT SANTOPRENE              | A/R | KG  |
| E    | --        | MOLD PART INNER CAP                   | 4   | PC  |
| F    | --        | MASTER BATCH BLACK COLOR              | A/R | KG  |
| G    | --        | RESIN PP RTP 151 A NAT UL94V-0 HF     | A/R | KG  |

|      |    |                          |       |
|------|----|--------------------------|-------|
| 4    | 3  | 2                        | 1     |
| FROM | TO | CABLE DESCRIPTION        | COLOR |
| A1   | B1 | 5CX16AWG UNSHD BK UL2464 | BLACK |
| A2   | B2 |                          | RED   |
| A3   | B3 |                          | WHITE |
| A4   | B4 |                          | GREEN |
| A5   | B5 |                          | BLUE  |



NOTES:

- MOLDING MATERIAL:
  - 1.1 INNERCAP: PA66 NYLON RESIN.
  - 1.2 OVERMOLD: SANTOPRENE TPE RESIN & MASTER BATCH BLACK
  - 1.3 INNERMOLD: PP NAT UL94V-0
- 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      |
| 2153300505  | 5 CKT OVERMOLDED MINIFIT JR CABLE 500MM | 500±10  |
| 2153300510  | 5 CKT OVERMOLDED MINIFIT JR CABLE 1M    | 1000±20 |
| 2153300520  | 5 CKT OVERMOLDED MINIFIT JR CABLE 2M    | 2000±25 |
| 2153300530  | 5 CKT OVERMOLDED MINIFIT JR CABLE 3M    | 3000±30 |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/07/19 | 15:45:48 |
|-----------------|----|--------------|------------|----------|

|                    |                                                                                                                                               |     |       |                              |                   |  |  |              |  |  |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|------------------------------|-------------------|--|--|--------------|--|--|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |     |       |                              |                   |  |  |              |  |  |
|                    | DIMENSION UNITS                                                                                                                               |     | SCALE |                              | CURRENT REV DESC: |  |  | <b>molex</b> |  |  |
|                    | mm                                                                                                                                            | NTS |       |                              |                   |  |  |              |  |  |
|                    | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |     |       |                              |                   |  |  |              |  |  |
|                    | ANGULAR TOL    ±    °                                                                                                                         |     |       |                              |                   |  |  |              |  |  |
| DIVISIONAL SYMBOLS | 4 PLACES                                                                                                                                      |     | ±     | EC NO: 670688<br>DRWN: SBS04 |                   |  |  |              |  |  |