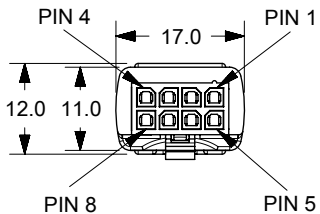
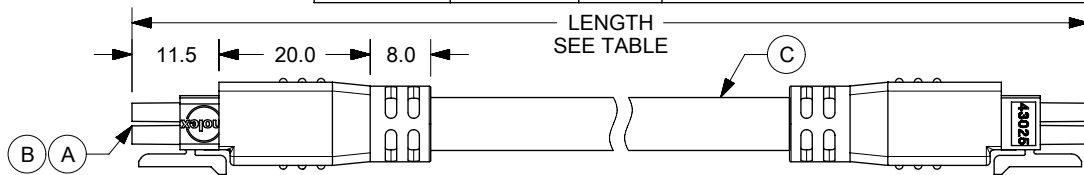


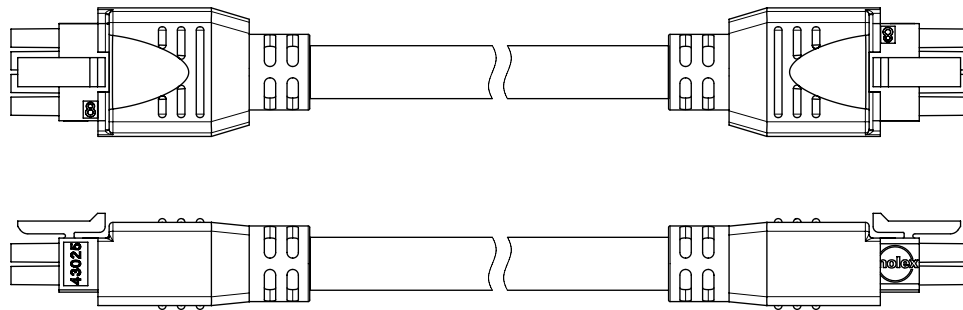
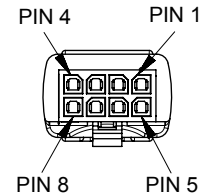
| REVISIONS | | | | |
|-----------|------------|-----|-----------------|---------|
| EC NO | DATE | REV | DESCRIPTION | CHANGER |
| NA | 2016/08/01 | A | INITIAL RELEASE | LH LIU |
| | | | | |
| | | | | |



P1



P1



NOTES:

- MOLDING MATERIAL:
 - INNERMOLD AND STOPPER MOLD: PE RESIN.
 - OVERMOLD: BLACK PVC RESIN.
- ELECTRICAL PERFORMANCE:
 - CURRENT RATING: 3.5 AMPS.
(EACH APPLICATION SHOULD BE EVALUATED BY THE END USER FOR COMPLIANCE TO SPECIFIC SAFETY AGENCY REQUIREMENTS. THE RATING IS PROVIDED AS REFERENCE. APPROPRIATE DE-RATING IS REQUIRED BASED ON AMBIENT CONDITIONS, COPPER TRACE SIZE ON THE PCB, GROSS HEATING FROM ADJACENT MODULES/COMPONENTS AND OTHER FACTORS THAT INFLUENCE CONNECTOR PERFORMANCE.)
 - VOLTAGE RATING: 300V AC.
 - THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-000.
 - DIELECTRIC STRENGTH: 500V DC/0.01 SEC.
 - INSULATION RESISTANCE: 20M OHMS.
- MECHANICAL PERFORMANCE:
 - OVERMOLD SIDE CAN WITHSTAND 5KGF AXIAL TENSILE FORCE FOR ONE MINUTE WITHOUT PHYSICAL DAMAGE.
 - OVERMOLD SIDE CAN PASS THE BENDING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.
 - MINIMUM DYNAMIC BEND RADIUS: 70MM
 - MINIMUM STATIC BEND RADIUS: 35MM
- TEMPERATURE:
 - OPERATING TEMPERATURE: -20 TO 80 C DEG.
(INCLUDING T-RISE FROM APPLIED CURRENT)
- ALL MATERIALS MUST MEET RoHS 2011/65/EU.

TABLE

| PN | TITLE | LENGTH |
|------------|----------------------------------|----------|
| 2451320850 | MICROFIT 8 CIRCUIT BLACK 5M OM | 5000±50 |
| 2451320830 | MICROFIT 8 CIRCUIT BLACK 3M OM | 3000±30 |
| 2451320820 | Microfit 8 Circuit Black 2M OM | 2000±20 |
| 2451320810 | Microfit 8 Circuit Black 1M OM | 1000±15 |
| 2451320805 | Microfit 8 Circuit Black 500M OM | 500+/-10 |

| ITEM | DESCRIPTION | L(MM) | Q'TY |
|------|---------------------------------------|-----------|------|
| C | 8CX20AWG;UNSH;PVC;BK;6.80MM;UL2464 | SEE TABLE | |
| B | MicroFit 3.0 DR Rcpt 8Ckt | | 2 |
| A | MicroFit 3.0 F Crp Term Chn Tin 20-24 | | 16 |

| WIRING CHART | | |
|--------------|------------|-------|
| P1 | WIRE COLOR | P2 |
| PIN 1 | BLACK | PIN 1 |
| PIN 2 | RED | PIN 2 |
| PIN 3 | BROWN | PIN 3 |
| PIN 4 | GREEN | PIN 4 |
| PIN 5 | ORANGE | PIN 5 |
| PIN 6 | BLUE | PIN 6 |
| PIN 7 | YELLOW | PIN 7 |
| PIN 8 | VIOLET | PIN 8 |

| | | | | | | | |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|--|
| QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | EC NO: 108878 DRWN: XJGU001 CHK'D: APPR: FNIE | 2016/09/28 2016/09/28 | GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION UNITS | SCALE | |
| | | | | | MM | 1:1 | |
| | | | | | DRWN BY | DATE | |
| | | | | | XJGU001 | 2016/06/26 | |
| CHK'D BY | DATE | PRODUCT CUSTOMER DRAWING | | | | | |
| LHLIU | 2016/07/27 | | | | | | |
| APPR BY | DATE | SERIES | MATERIAL NUMBER | CUSTOMER | | | |
| | | 201440 | SEE TABLE | GENERAL MARKET | | | |
| DRAWING SIZE | THIRD ANGLE PROJECTION | DOCUMENT NUMBER | DOC TYPE | DOC PART | SHEET NUMBER | | |
| A4 | | 2014400096 | PSD | 000 | 1 OF 1 | | |