

TABLE 1

| ITEM | COMPONENT | MATERIAL | FINISH |
|------|------------------|-------------|---------------|
| 1 | REC SHELL | BRASS | NICKEL PLATED |
| 2 | INSERT | PUR | BLACK |
| 3 | CONTACT | BRASS /GOLD | CuZn Ni/Au |
| 4 | WIRES | COPPER/PVC | NONE |
| 5 | O-RING | NBR | BLACK |
| 6 | O-RING | VITON | RED |
| 7 | POTTING MATERIAL | WEVO | NONE |

| | | | | | | |
|---------|---|-------|--|---------|--------|--|
| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |
| | DIMENSION UNITS | SCALE | | | | DOCUMENT NUMBER |
| ▽ = 0 | mm | 2:1 | 1200845107 | PSD | 000 | A3 |
| ▽ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | CURRENT REV DESC: ADD P/N 1200848027 TO P/N TABLE, UPDATE BORDER REMOVE UL FILE E152210 PRODUCT CUSTOMER DRAWING REC U12 XP AC FE XM M16 FM WIR BRA AU | | | |
| ▽ = 0 | ANGULAR TOL ± 1.0° | | EC NO: 629880 DRWN: RSTONE 2019/12/18 CHK'D: MZIELINSKI 2020/01/06 APPR: BWOODMAN 2020/01/14 | | | |
| ▽ = 0 | 4 PLACES ± | | INITIAL REVISION: DRWN: SSM 2017/09/26 APPR: RSILLER 2017/12/15 | | | |
| ▽ = 0 | 3 PLACES ± | | | | | |
| ▽ = 0 | 2 PLACES ± 0.05 | | | | | |
| ▽ = 0 | 1 PLACE ± 0.1 | | | | | |
| ▽ = 0 | 0 PLACES ± 0.2 | | | | | |
| ⊠ = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER |
| ▽ = 0 | | | | A3-SIZE | 120084 | CUSTOMER GENERAL MARKET SHEET NUMBER 1 OF 2 |

TABLE 4

| IEC 60947-5-2 | |
|---------------|--|
| PIN | COLOR |
| 1 | BROWN/braun |
| 2 | WHITE/Weiß |
| 3 | BLUE/blau |
| 4 | BLACK/schwarz |
| 5 | GRAY OR GREEN-YELLOW/ grau oder grünelb |

TABLE 5

| DIN 47100 | |
|-----------|---------------------|
| PIN | COLOR |
| 1 | WHITE/Weiß |
| 2 | BROWN/braun |
| 3 | GREEN/Grün |
| 4 | YELLOW/Gelb |
| 5 | GREY/grau |
| 6 | PINK/Rosa |
| 7 | BLUE/blau |
| 8 | RED/rot |
| 9 | BLACK/schwarz |
| 10 | PURPLE/lila |
| 11 | GREY-PINK/grau-rosa |
| 12 | RED-BLUE/rot-Blau |

TABLE 3

| MATERIAL-NO. | 1200845107 | 1200845113 | 1200845131 | 1200845137 |
|---|--|--------------------------|--------------------------|--------------------------|
| ENG-NO. | WR4U20E03C3003 | WR5U20E03C3003 | WR8U20E02C3003 | WRCU20E01C3003 |
| LAYOUT | | | | |
| VOLTAGE RATING | 250V | 60V | 30V | 30V |
| CODING | A - Code | A - Code | A - Code | A - Code |
| AMPERE RATING | 4A | 4A | 2A | 1.5A |
| PROTECTION CLASS CONNECTOR INTERFACE SHELL TO ENCLOSURE | IP 67/69K (in mated condition / when properly installed) | | | |
| OPERATING TEMP. | -25°C / 85°C | | | |
| CSA CERTIFICATION | FILE NO. LR6837 | | | |
| WIRE LEAD | 0.34 mm ² PVC | 0.34 mm ² PVC | 0.25 mm ² PVC | 0.14 mm ² PVC |
| PIN DIAMETER | 1.0 mm | 1.0 mm | 0.8 mm | 0.6 mm |
| WIRE COLOR | ACCORDING TO IEC 60947-5-2 | | ACCORDING TO DIN 47100 | |

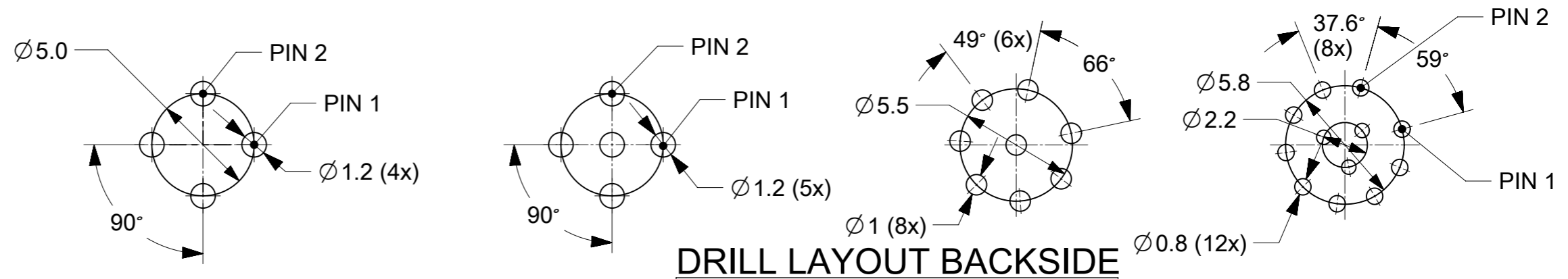


TABLE 2

| MOLEX P/N | ENGINEERING NR. | L [mm] | TOL | DESCRIPTION |
|------------|-----------------|--------|-----|--|
| 1200845107 | WR4U20E03C3003 | 300 | ±10 | REC U12 4P AC FE 0.3M M16 FM WIR BRA AU |
| 1200845113 | WR5U20E03C3003 | 300 | ±10 | REC U12 5P AC FE 0.3M M16 FM WIR BRA AU |
| 1200845131 | WR8U20E02C3003 | 300 | ±10 | REC U12 8P AC FE 0.3M M16 FM WIR BRA AU |
| 1200845137 | WRCU20E01C3003 | 300 | ±10 | REC U12 12P AC FE 0.3M M16 FM WIR BRA AU |
| 1200848193 | 1200848193 | 300 | ±10 | M12-RECEPT-5P-FEM-FR-M16-0.3M |
| 1200848027 | WR5U20E03C500 | 500 | | REC U12 5P AC FE 0.5M M16 FM WIR BRA AU |

| | | |
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| ▽ = 0 | mm | 2:1 |
| ▽ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| ▽ = 0 | ANGULAR TOL | ± 1.0° |
| ▽ = 0 | 4 PLACES | ± |
| ▽ = 0 | 3 PLACES | ± |
| ▽ = 0 | 2 PLACES | ± 0.05 |
| ▽ = 0 | 1 PLACE | ± 0.1 |
| ▽ = 0 | 0 PLACES | ± 0.2 |
| ■ = 0 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |
| ▽ = 0 | THIRD ANGLE PROJECTION | DRAWING |
| | | A3-SIZE |
| | SERIES | 120084 |
| | MATERIAL NUMBER | |
| | CUSTOMER | GENERAL MARKET |
| | SHEET NUMBER | 2 OF 2 |
| | DOCUMENT NUMBER | 1200845107 |
| | DOC TYPE | PSD |
| | DOC PART | 000 |
| | REVISION | A3 |
| | EC NO: | 629880 |
| | DRWN: | RSTONE 2019/12/18 |
| | CHK'D: | MZIELINSKI 2020/01/06 |
| | APPR: | BWOODMAN 2020/01/14 |
| | INITIAL REVISION: | |
| | DRWN: | SSM 2017/09/26 |
| | APPR: | RSILLER 2017/12/15 |