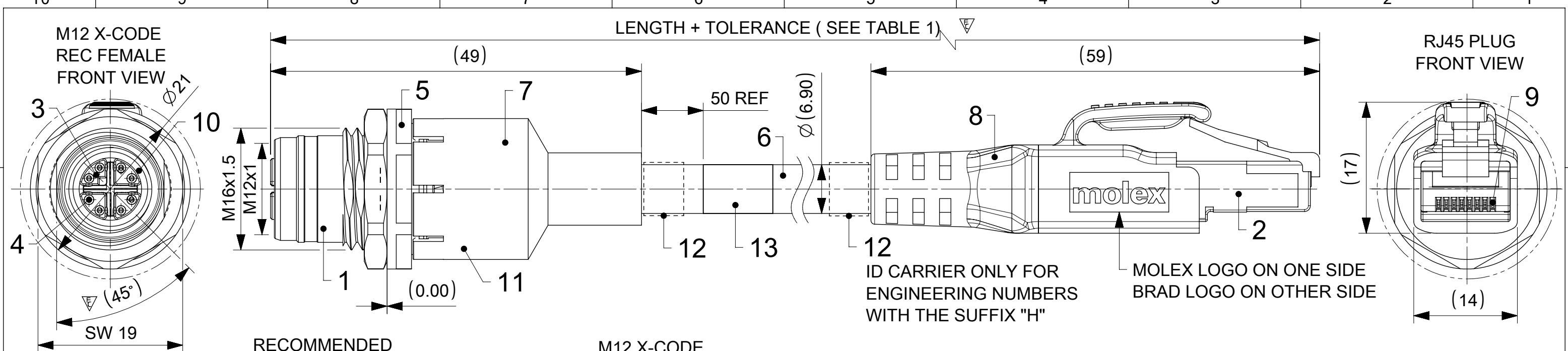


NOTES:  
VOLTAGE RATING: 30 V A.C. OR 42 V D.C.  
CURRENT RATING: 0.5 A  
TEMPERATURE RATING:  
STATIC: -40 °C TO 80 °C  
DYNAMIC: -20 °C TO 80 °C  
IP RATING:  
M12 SIDE IP 67 (IN MATED AND LOCKED CONDITION)  
RJ45 SIDE IP 20  
TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS E<sub>A</sub> CHANNEL  
WITH INSERTION LOSS BEING IGNORED FOR CABLE LENGTHS  $\leq 1$  m OR  $\geq 65$  m  
PACKAGING: CORDSETS ARE PACKED IN A POLYBAG

| BILL OF MATERIAL |              |                           |          |                     | TABLE 1                                                                                                                                       |                 |                                     |             |
|------------------|--------------|---------------------------|----------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------|-------------|
| ITEM             | QTY          | DESCRIPTION               | MATERIAL | FINISH/COLOR        | MOLEX P/N                                                                                                                                     | ENGINEERING NO. | DESCRIPTION                         | LENGTH [mm] |
| 1                | 1            | REC M12 CAT6A             | -        | -                   | 1203410750                                                                                                                                    | ERWPEU7020M005  | REC M12 CAT6A RJ45 FE STR PUR GREEN | 500         |
| 2                | 1            | PLUG RJ45                 | -        | -                   | 1203410751                                                                                                                                    | ERWPEU7020M010  | REC M12 CAT6A RJ45 FE STR PUR GREEN | 1000        |
| 3                | 1            | INSERT M12 XC FE          | PA       | BLACK               | 1203410752                                                                                                                                    | ERWPEU7020M020  | REC M12 CAT6A RJ45 FE STR PUR GREEN | 2000        |
| 4                | 8            | CONTACT M12 XC FE         | BRASS    | Au PLATED           | 1203410753                                                                                                                                    | ERWPEU7020M030  | REC M12 CAT6A RJ45 FE STR PUR GREEN | 3000        |
| 5                | 1            | LOCKNUT                   | BRASS    | Ni PLATED           | 1203410754                                                                                                                                    | ERWPEU7020M040  | REC M12 CAT6A RJ45 FE STR PUR GREEN | 4000        |
| 6                | 1            | CABLE 4X2X26/7AWG DIA 6.9 | PUR      | GREEN               | 1203410755                                                                                                                                    | ERWPEU7020M050  | REC M12 CAT6A RJ45 FE STR PUR GREEN | 5000        |
| 7                | 1            | SHIELD SLEEVE             | BRASS    | Ni PLATED           | 1203410756                                                                                                                                    | ERWPEU7020M100  | REC M12 CAT6A RJ45 FE STR PUR GREEN | 10000       |
| 8                | -            | OVERMOLD                  | TPU      | BLACK               | 1203410757                                                                                                                                    | ERWPEU7020M150  | REC M12 CAT6A RJ45 FE STR PUR GREEN | 15000       |
| 9                | 8            | CONTACT RJ45              | PB       | SELECTIVE Au PLATED | WITH ID CARRIER                                                                                                                               |                 |                                     |             |
| 10               | 1            | O-RING                    | FPM      | RED                 | 1203410915                                                                                                                                    | ERWPEU7020M005H | REC M12 CAT6A RJ45 FE STR PUR GREEN | 500         |
| 11               | 1            | O-RING SHELL              | EPDM     | BLACK               | 1203410916                                                                                                                                    | ERWPEU7020M010H | REC M12 CAT6A RJ45 FE STR PUR GREEN | 1000        |
| 12               | 2            | I/D CARRIER 6-10mmx30mm   | PVC      | TRANSPARENT         | 1203410917                                                                                                                                    | ERWPEU7020M020H | REC M12 CAT6A RJ45 FE STR PUR GREEN | 2000        |
| 13               | 1            | LABEL 2.0X1.75            | VINYL    | YELLOW              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                 |                                     |             |
| DOCUMENT STATUS  |              |                           |          |                     | FUNCTIONAL SYMBOLS                                                                                                                            |                 |                                     |             |
| P1               | RELEASE DATE | 2022/01/25                | 10:26:24 |                     | DIMENSION UNITS                                                                                                                               |                 |                                     |             |
|                  |              |                           |          |                     | SCALE                                                                                                                                         |                 |                                     |             |
|                  |              |                           |          |                     | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                 |                                     |             |
|                  |              |                           |          |                     | DIVISIONAL SYMBOLS                                                                                                                            |                 |                                     |             |
|                  |              |                           |          |                     | CURRENT REV DESC: NOTE CHANGED                                                                                                                |                 |                                     |             |
|                  |              |                           |          |                     | EC NO: 692351                                                                                                                                 |                 |                                     |             |
|                  |              |                           |          |                     | DRWN: ARPITT                                                                                                                                  |                 |                                     |             |
|                  |              |                           |          |                     | CHK'D: RSILLER                                                                                                                                |                 |                                     |             |
|                  |              |                           |          |                     | APPR: RSILLER                                                                                                                                 |                 |                                     |             |
|                  |              |                           |          |                     | INITIAL REVISION:                                                                                                                             |                 |                                     |             |
|                  |              |                           |          |                     | DRWN: ZISMAYILOV                                                                                                                              |                 |                                     |             |
|                  |              |                           |          |                     | APPR: RSILLER                                                                                                                                 |                 |                                     |             |
|                  |              |                           |          |                     | THIRD ANGLE PROJECTION                                                                                                                        |                 |                                     |             |
|                  |              |                           |          |                     | DRAWING                                                                                                                                       |                 |                                     |             |
|                  |              |                           |          |                     | SERIES                                                                                                                                        |                 |                                     |             |
|                  |              |                           |          |                     | MATERIAL NUMBER                                                                                                                               |                 |                                     |             |
|                  |              |                           |          |                     | CUSTOMER                                                                                                                                      |                 |                                     |             |
|                  |              |                           |          |                     | SHEET NUMBER                                                                                                                                  |                 |                                     |             |
|                  |              |                           |          |                     | A3-SIZE                                                                                                                                       |                 |                                     |             |
|                  |              |                           |          |                     | 120341                                                                                                                                        |                 |                                     |             |
|                  |              |                           |          |                     | SEE TABLE 1                                                                                                                                   |                 |                                     |             |
|                  |              |                           |          |                     | GENERAL MARKET                                                                                                                                |                 |                                     |             |
|                  |              |                           |          |                     | 1 OF 1                                                                                                                                        |                 |                                     |             |