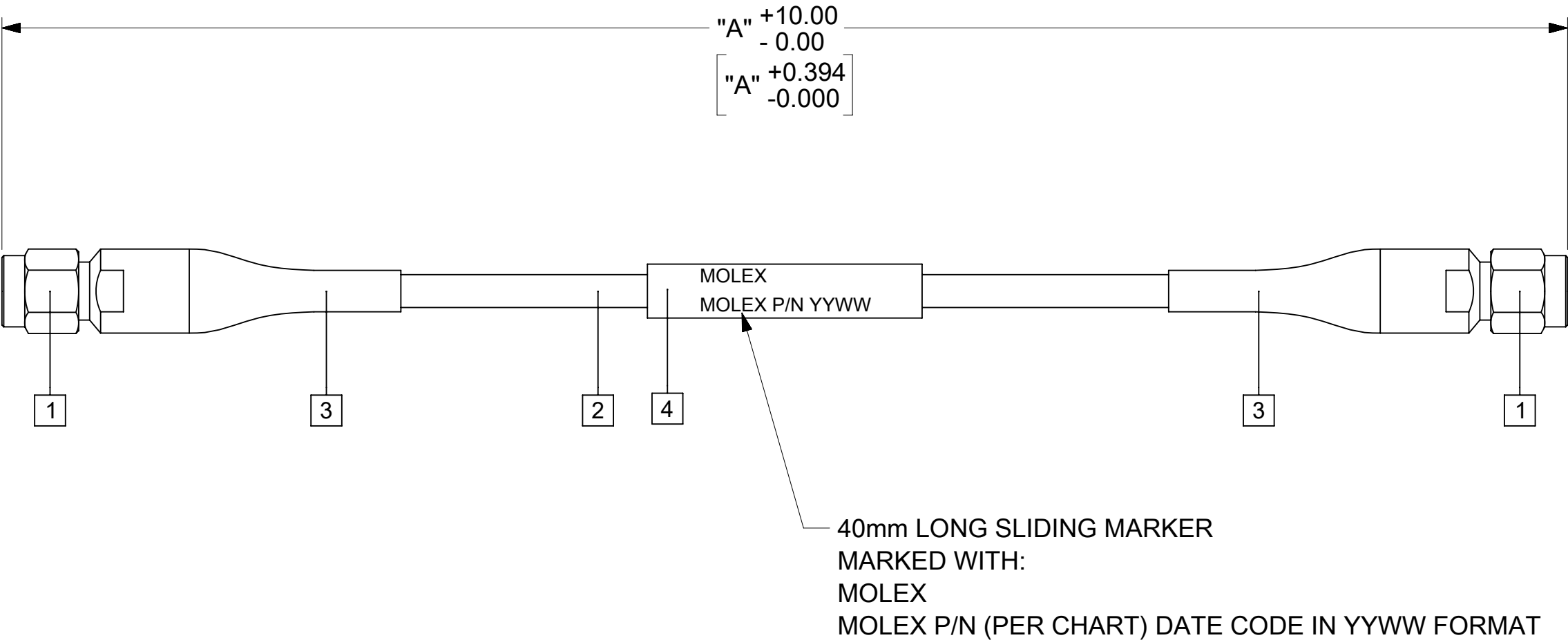


1. MATERIAL
- 1) CONNECTOR: 3.5MM MALE (STAINLESS STEEL)
- 2) CABLE: MX204 CABLE
- 3) ADHESIVE SHRINK TUBE(BLACK)
- 4) MARKING TUBE(WHITE)
2. ELECTRICAL
- 1) IMPEDANCE: 50Ω
- 2) FREQUENCY RANGE: DC TO 34GHZ
- 3) VSWR: 1.3: 1(DC TO 34GHZ)
- INSERTION LOSS(TYPICAL): CABLE(A)+CONNECTOR(B)
- (A): 0.01XL(M)X (1.37X√F(MHZ) + 0.0004XF(MHZ))
- (B): 2X0.04X√F(GHZ)
- \* L: LENGTH, M: METER(INCH=M/0.0254), F: FREQ.
- ASSEMBLY TO BE 100% TESTED FOR RETURN LOSS AND INSERTION LOSS.
- 4) WITHSTANDING VOLTAGE: 500VRMS MAX.
- ASSEMBLY TO BE 100% TESTED FOR OPENS, SHORTS & HIPOT TESTED (AC OR DC).
- THE HIPOT VOLTAGE FOR THE ASSEMBLY SHOULD BE SET TO THE END OPTION WITH THE LOWEST TEST VOLTAGE RATING.
3. MECHANICAL
- 1) DURABILITY: 500 CYCLES
- 2) BENDING RADIUS (MIN.): 18MM (INSTALLATION)
4. ENVIRONMENTAL
- 1) TEMP. RANGE: -55°C TO +85°C
- 2) ROHS COMPLIANT
5. CABLE ASSEMBLY SHALL HAVE PROTECTIVE CAP ASSEMBLED ON EACH END AND TO BE INDIVIDUALLY PACKAGED IN BAG WITH TEST REPORT.



|                 |            |
|-----------------|------------|
| 914.40 [36.000] | 0732390232 |
| 609.60 [24.000] | 0732390231 |
| 304.80 [12.000] | 0732390230 |
| "A"             | MOLEX P/N  |

|                                                                                                                                                                                                                                                             |                                                                                                                                               |   |       |                        |                           |         |  |                                                |  |                 |          |          |  |          |              |  |               |  |  |            |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------------------------|---------------------------|---------|--|------------------------------------------------|--|-----------------|----------|----------|--|----------|--------------|--|---------------|--|--|------------|--|
| FUNCTIONAL SYMBOLS                                                                                                                                                                                                                                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |       |                        |                           |         |  |                                                |  |                 |          |          |  |          |              |  |               |  |  |            |  |
| <div><div><div><div>F</div><div>A</div></div><div>=</div><div>0</div></div><div><div><div>F</div><div>C</div></div><div>=</div><div>0</div></div><div><div><div>F</div><div>P</div></div><div>=</div><div>0</div></div></div> <div>DIVISIONAL SYMBOLS</div> | DIMENSION UNITS                                                                                                                               |   | SCALE |                        | CURRENT REV DESC: CREATED |         |  | <div>molex</div>                               |  |                 |          |          |  |          |              |  |               |  |  |            |  |
|                                                                                                                                                                                                                                                             | MM/INCH                                                                                                                                       |   | NTS   |                        |                           |         |  |                                                |  |                 |          |          |  |          |              |  |               |  |  |            |  |
|                                                                                                                                                                                                                                                             | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |       |                        | EC NO: 747163             |         |  | MX-VNA 3.5MM PLUG TO 3.5MM PLUG CABLE ASSEMBLY |  |                 |          |          |  |          |              |  |               |  |  |            |  |
|                                                                                                                                                                                                                                                             | ANGULAR TOL    ±       °                                                                                                                      |   |       |                        |                           |         |  |                                                |  |                 |          |          |  |          |              |  |               |  |  |            |  |
|                                                                                                                                                                                                                                                             | 4 PLACES                                                                                                                                      |   | ±     |                        | DRWN: VISHNM2             |         |  | 2023/04/04                                     |  |                 |          |          |  |          |              |  |               |  |  |            |  |
|                                                                                                                                                                                                                                                             | 3 PLACES                                                                                                                                      |   | ±     |                        | CHK'D: LMEIER             |         |  | 2023/04/24                                     |  |                 |          |          |  |          |              |  |               |  |  |            |  |
|                                                                                                                                                                                                                                                             | 2 PLACES                                                                                                                                      |   | ±     |                        | APPR: JBORRELLI           |         |  | 2023/04/24                                     |  |                 |          |          |  |          |              |  |               |  |  |            |  |
|                                                                                                                                                                                                                                                             | INITIAL REVISION:                                                                                                                             |   |       |                        | DOCUMENT NUMBER           |         |  | DOC TYPE                                       |  |                 | DOC PART |          |  | REVISION |              |  |               |  |  |            |  |
|                                                                                                                                                                                                                                                             | 1 PLACE                                                                                                                                       |   | ±     |                        |                           |         |  |                                                |  |                 |          |          |  |          |              |  | DRWN: VISHNM2 |  |  | 2023/04/04 |  |
| 0 PLACES                                                                                                                                                                                                                                                    |                                                                                                                                               | ± |       | APPR: JBORRELLI        |                           |         |  |                                                |  |                 |          |          |  |          |              |  | 2023/04/24    |  |  |            |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                        |                                                                                                                                               |   |       | THIRD ANGLE PROJECTION |                           | DRAWING |  | SERIES                                         |  | MATERIAL NUMBER |          | CUSTOMER |  |          | SHEET NUMBER |  |               |  |  |            |  |
|                                                                                                                                                                                                                                                             |                                                                                                                                               |   |       |                        |                           | C-SIZE  |  | 73239                                          |  | SEE TABLE       |          |          |  |          | 1 OF 1       |  |               |  |  |            |  |