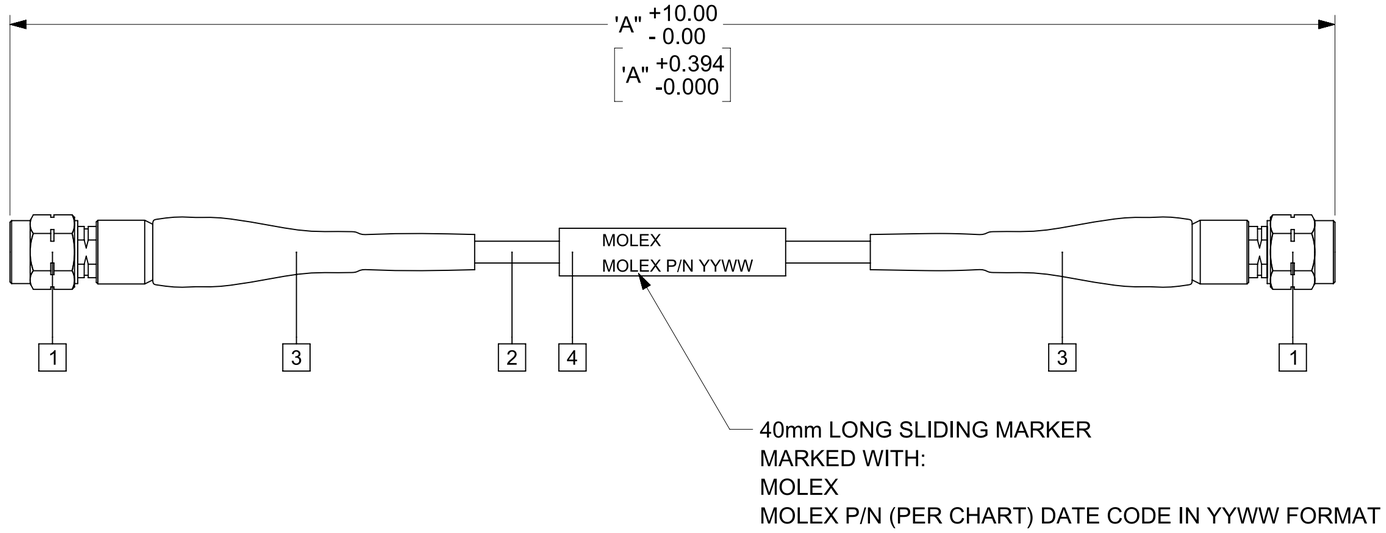
1. MATERIAL
 1) CONNECTOR: 1.85MM MALE (STAINLESS STEEL)
 2) CABLE: MX205 CABLE
 3) ADHESIVE SHRINK TUBE(BLACK)
 4) MARKING TUBE(WHITE)

2. ELECTRICAL
 1) IMPEDANCE: 50Ω
 2) FREQUENCY RANGE: DC TO 67GHZ
 3) VSWR: 1.3: 1(DC TO 67GHZ)
  INSERTION LOSS(TYPICAL): CABLE(A)+CONNECTOR(B)
  (A): 0.01XL(M)X (1.81X$\sqrt{F(MHZ)}$ + 0.0005XF(MHZ))
  (B): 2X0.06X$\sqrt{F(GHZ)}$
  * 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.): 12MM (INSTALLATION)

4. ENVIRONMENTAL
 1) TEMP. RANGE: -40°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]	0732390472
609.60 [24.000]	0732390471
304.80 [12.000]	0732390470
"A"	MOLEX P/N

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
MM/INCH	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 0.5°

4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED THE TITLE BLOCK DESCRIPTION FROM MX_VNA TO CARDINAL FLEX

STATUS: Production
DRWN: Naveen Kumar K P 2024-02-09
CHK'D: Bharath Bharadwaj D 2024-05-20
APPR: Kevin Tagan 2024-05-20

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 73239

molex

CARDINAL FLEX 1.85MM PLUG TO 1.85MM PLUG CABLE ASSEMBLY

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
732390470	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE		1 OF 1

FORMAT TC-tb-prod-C
REVISION: B
DATE: 2022/08/01