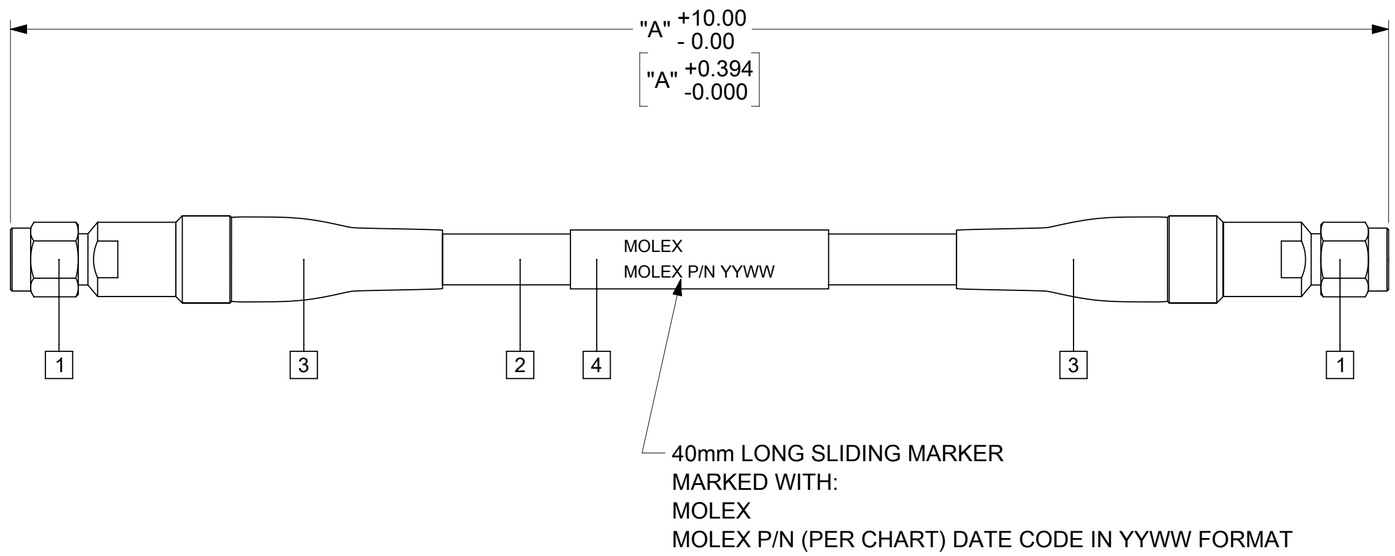
1. MATERIAL
1) CONNECTOR: SMA MALE (STAINLESS STEEL)
2) CABLE: MX100 CABLE
3) ADHESIVE SHRINK TUBE(BLACK)
4) MARKING TUBE(WHITE)

2. ELECTRICAL
1) IMPEDANCE: 50Ω
2) FREQUENCY RANGE: DC TO 26.5GHZ
3) VSWR: 1.3: 1(DC TO 26.5GHZ)
INSERTION LOSS(TYPICAL): CABLE(A)+CONNECTOR(B)
(A): 0.01XL(M)X (1.37X$\sqrt{F(MHZ)}$ + 0.0004XF(MHZ))
(B): 2X0.025X$\sqrt{F(GHZ)}$
* 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.): 20MM (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]	0732390132
609.60 [24.000]	0732390131
304.80 [12.000]	0732390130
"A"	MOLEX P/N

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM/INCH
SCALE: NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CREATED
EC NO: 747163
DRWN: VISHNM2 2023/04/03
CHK'D: LMEIER 2023/04/24
APPR: JBORRELLI 2023/04/24
INITIAL REVISION:
DRWN: VISHNM2 2023/04/03
APPR: JBORRELLI 2023/04/24

THIRD ANGLE PROJECTION
DRAWING: C-SIZE
SERIES: 73239

molex

MX-VNA SMA PLUG TO SMA PLUG ARMORED CABLE ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
732390130	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE		1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/24 15:28:57

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/21