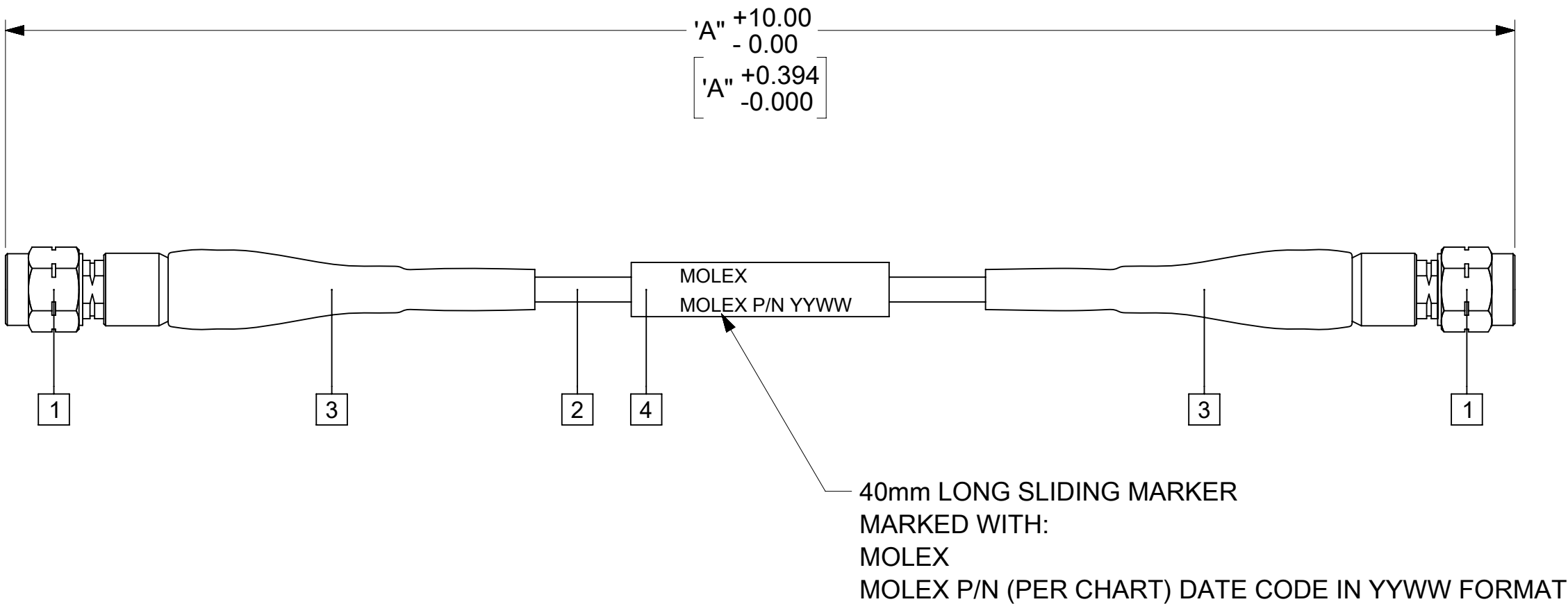


1. MATERIAL
- 1) CONNECTOR: 1.85MM MALE (STAINLESS STEEL)
- 2) CABLE: MX205 CABLE
- 3) ADHESIVE SHRINK TUBE(BLACK)
- 4) MARKING TUBE(WHITE)
2. ELECTRICAL
- 1) IMPEDANCE: 50Ω
- 2) FREQUENCY RANGE: DC TO 67GHZ
- 3) VSWR: 1.3: 1(DC TO 67GHZ)
- INSERTION LOSS(TYPICAL): CABLE(A)+CONNECTOR(B)
- (A): 0.01XL(M)X (1.81X√F(MHZ) + 0.0005XF(MHZ))
- (B): 2X0.06X√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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	DIMENSION UNITS		SCALE		CURRENT REV DESC: CREATED				molex MX-VNA 1.85MM PLUG TO 1.85MM PLUG CABLE ASSEMBLY				
	MM/INCH		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL		±	°	EC NO: 747163 DRWN: VISHNM2 2023/04/10 CHK'D: LMEIER 2023/04/24 APPR: JBORRELLI 2023/04/24				PRODUCT CUSTOMER DRAWING				
	4 PLACES		±										
	3 PLACES		±										
	2 PLACES		±										
	1 PLACE		±										
	DIVISIONAL SYMBOLS	0 PLACES		±	INITIAL REVISION: DRWN: VISHNM2 2023/04/10 APPR: JBORRELLI 2023/04/24				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
									732390470		PSD	000	A
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	