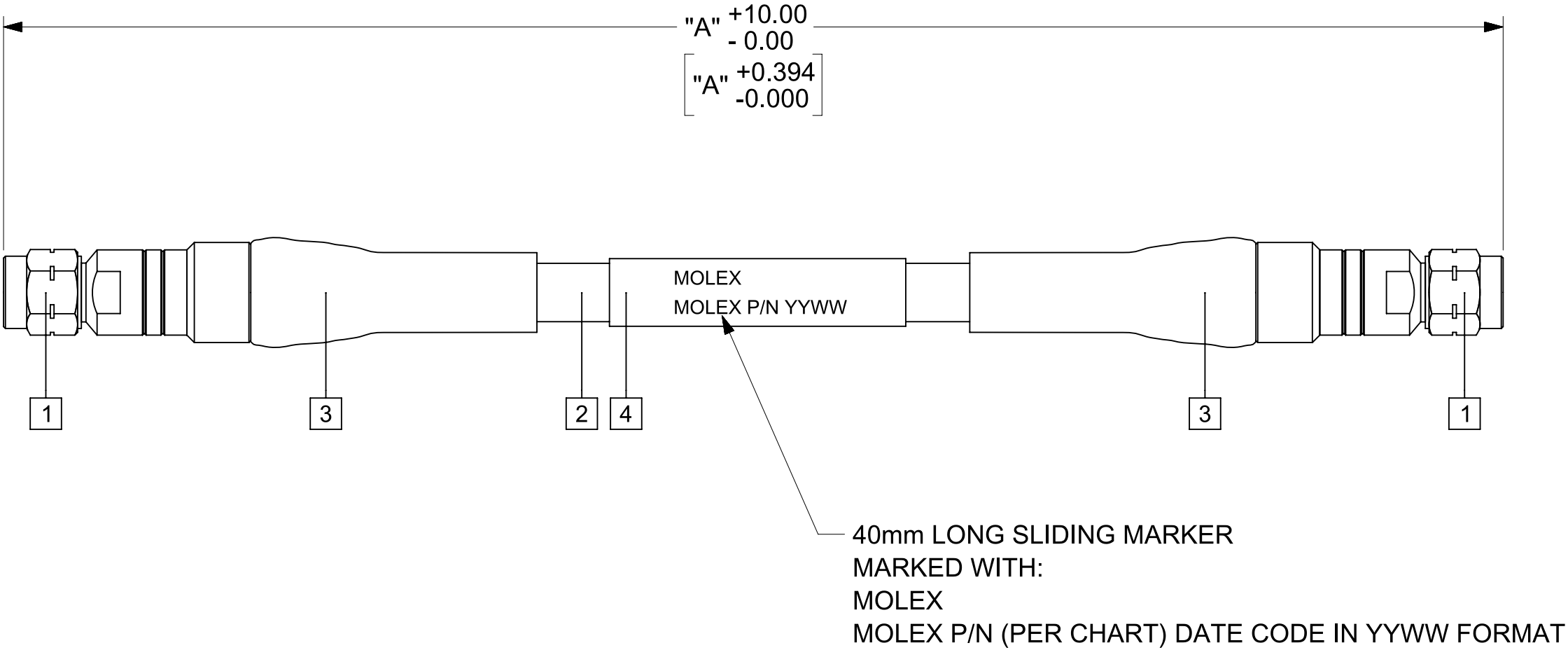


1. MATERIAL
- 1) CONNECTOR: 1.85MM MALE (STAINLESS STEEL)
- 2) CABLE: MX300 CABLE
- 3) ADHESIVE SHRINK TUBE(BLACK)
- 4) MARKING TUBE(WHITE)
2. ELECTRICAL
- 1) IMPEDANCE: 50Ω
- 2) FREQUENCY RANGE: DC TO 67GHZ
- 3) VSWR: 1.3: 1(DC TO 67GHZ)
- INSERTION LOSS(TYPICAL): CABLE(A)+CONNECTOR(B)
- (A): $0.01XL(M)X(1.97X\sqrt{F(MHZ)} + 0.0005XF(MHZ))$
- (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 MIN.
- 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: -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]	0732390492
609.60 [24.000]	0732390491
304.80 [12.000]	0732390490
"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																
= 0 = 0 = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED THE TITLE BLOCK DESCRIPTION FROM MX_VNA TO CARDINAL TEST												
	MM/INCH		NTS														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 0.5°				molex CARDINAL TEST 1.85MM PLUG TO 1.85MM PLUG ARMORED CABLE ASSEMBLY PRODUCT SALES DRAWING												
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES		±														
1 PLACE				±		STATUS: Production											
0 PLACES				±													
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			
										DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
										732390490		PSD		000		A1	