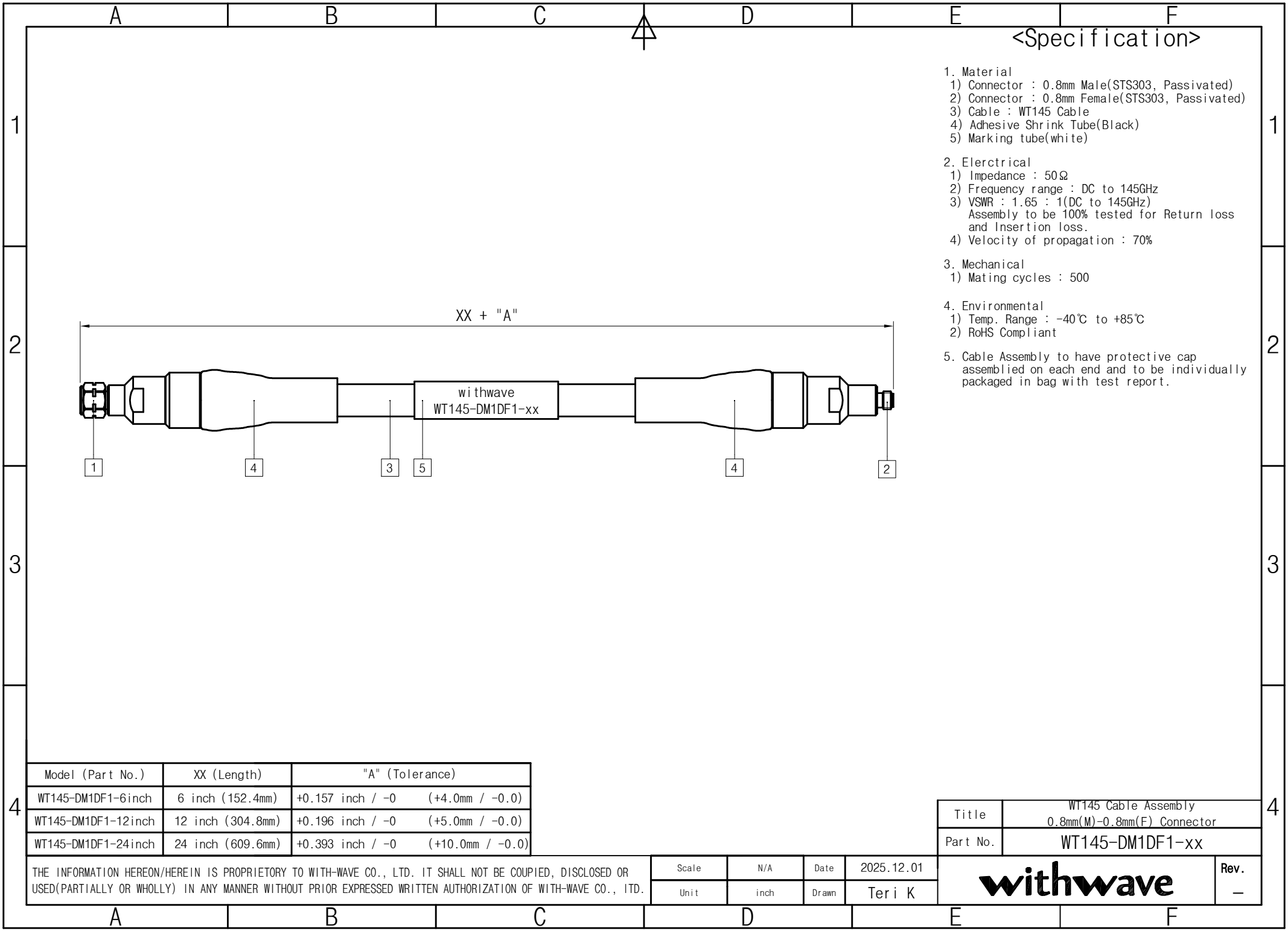




<Specification>

- 1. Material
 - 1) Connector : 0.8mm Male(STS303, Passivated)
 - 2) Connector : 0.8mm Female(STS303, Passivated)
 - 3) Cable : WT145 Cable
 - 4) Adhesive Shrink Tube(Black)
 - 5) Marking tube(white)
- 2. Elerctrical
 - 1) Impedance : 50Ω
 - 2) Frequency range : DC to 145GHz
 - 3) VSWR : 1.65 : 1(DC to 145GHz)
Assembly to be 100% tested for Return loss and Insertion loss.
 - 4) Velocity of propagation : 70%
- 3. Mechanical
 - 1) Mating cycles : 500
- 4. Environmental
 - 1) Temp. Range : -40℃ to +85℃
 - 2) RoHS Compliant
- 5. Cable Assembly to have protective cap assembled on each end and to be individually packaged in bag with test report.

Model (Part No.)	XX (Length)	"A" (Tolerance)
WT145-DM1DF1-6inch	6 inch (152.4mm)	+0.157 inch / -0 (+4.0mm / -0.0)
WT145-DM1DF1-12inch	12 inch (304.8mm)	+0.196 inch / -0 (+5.0mm / -0.0)
WT145-DM1DF1-24inch	24 inch (609.6mm)	+0.393 inch / -0 (+10.0mm / -0.0)

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Scale	N/A	Date	2025.12.01
Unit	inch	Drawn	Teri K

Title	WT145 Cable Assembly 0.8mm(M)-0.8mm(F) Connector		
Part No.	WT145-DM1DF1-xx		
withwave			Rev. —