



Part number		NT_EBD-AR15T_v0010	
Tip			
Material	HDC/DLC		
Shape	conical		
Tip length / l	4000 nm	(4000-6000 nm)	
Diameter / d	n/a		
Half cone angle / Φ	n/a	(AR 15)	
Radius / r	5 nm		
Tilt compensation / θ	13°		
Pyramid height / PH	15 μm	(10-15 μm)	
Tip set back / TSB	15 μm	(5-25 μm)	
Cantilever			
Material	Si		
Shape	NCH		
Length / L	125 μm		
Width / W	30 μm		
Thickness / T	4 μm		
Force constant / k	40 N/m		
Resonance Frequency / f	330 kHz		
Coating			
Tip side	none		
Back side	none		
Chip			
Length / L_Chip	3400 μm		
Width / W_Chip	1600 μm		
Thickness / T_Chip	315 μm		
Alignment grooves	yes		