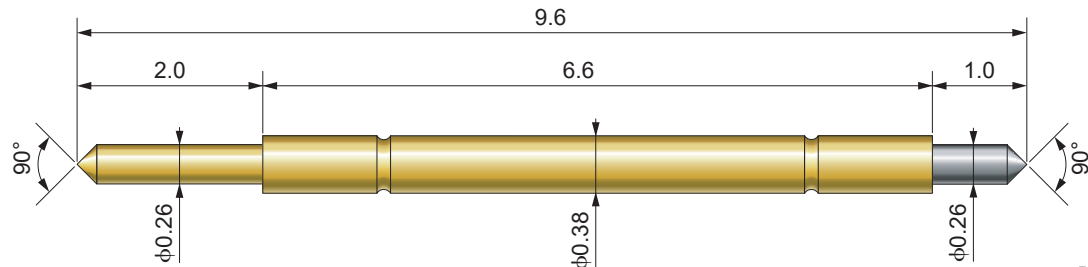


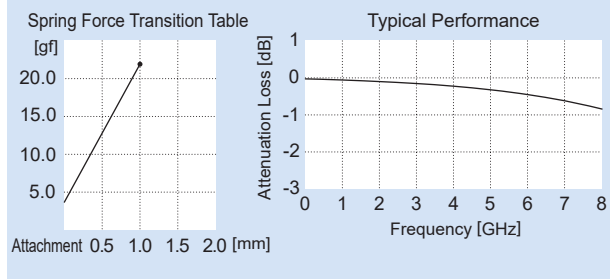
■ TW038-NB / NB-00

Tip Needle × Needle



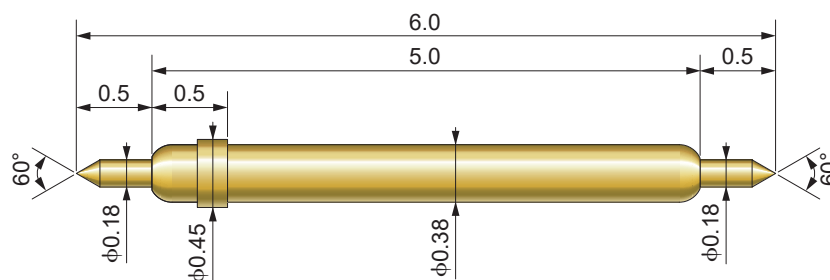
Unit:mm

Stroke	1.0 mm		
Spring Force	3.67 gf	Preload	
	21.92±4.38 gf	1.0 mm Recommended Stroke	
Max. Current	1.0 A		
Parts Name	Material	Finish	Application
Plunger	Steel	Au Plated	Needle
Plunger	Steel	Rh Plated	Needle
Barrel	Phosphor Bronze	Au Plated	
Spring	Piano Wire	Au Plated	



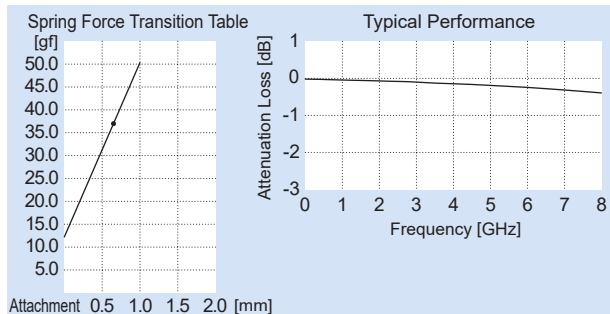
■ TW038-NB / NB-50

Tip Needle × Needle



Unit:mm

Stroke	1.0 mm		
Spring Force	12.23 gf	Preload	
	37.0±7.44 gf	0.65 mm Recommended Stroke	
Max. Current	1.0 A		
Parts Name	Material	Finish	Application
Plunger	Beryllium Copper	Au Plated	Needle
Plunger	Beryllium Copper	Au Plated	Needle
Barrel	Phosphor Bronze	Au Plated	
Spring	Piano Wire	Au Plated	



● All specifications are subject to change without notice.

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