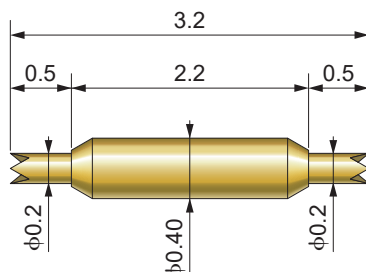


■ TW040-4B / 4B-00

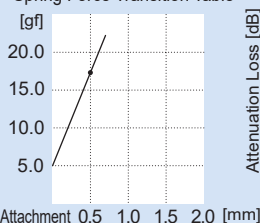
Tip Crown 4-Point × Crown 4-Point



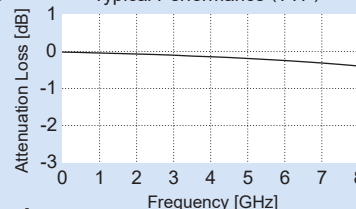
Unit:mm

Stroke	0.7 mm		
Spring Force	5.0 gf	Preload	
	17.3±3.46 gf	0.5 mm Recommended Stroke	
Max. Current	1.0 A		
Parts Name	Material	Finish	Application
Plunger	Beryllium Copper	Au Plated	Crown 4-Point
Plunger	Beryllium Copper	Au Plated	Crown 4-Point
Barrel	Phosphor Bronze	Au Plated	
Spring	Piano Wire	Au Plated	

Spring Force Transition Table

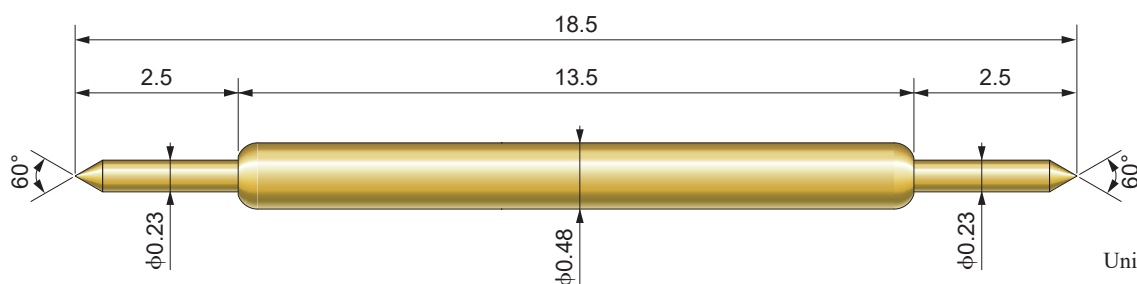


Typical Performance (TYP)



■ TW048-NB / NB-01

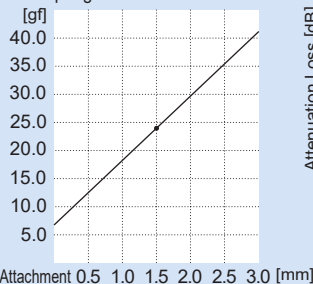
Tip Needle × Needle



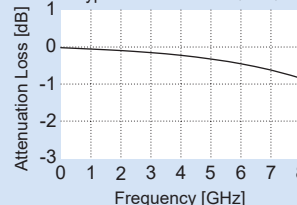
Unit:mm

Stroke	3.0 mm		
Spring Force	6.8 gf	Preload	
	23.96±4.79 gf	1.5 mm Recommended Stroke	
Max. Current	1.0 A		
Parts Name	Material	Finish	Application
Plunger	Steel	Au Plated	Needle
Plunger	Steel	Au Plated	Needle
Barrel	Phosphor Bronze	Au Plated	
Spring	Piano Wire	Au Plated	

Spring Force Transition Table



Typical Performance (TYP)



● All specifications are subject to change without notice.

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