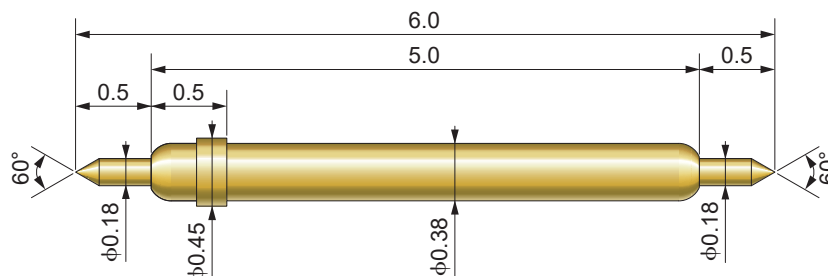


# TW038 series Recommended Pitch 0.80 mm



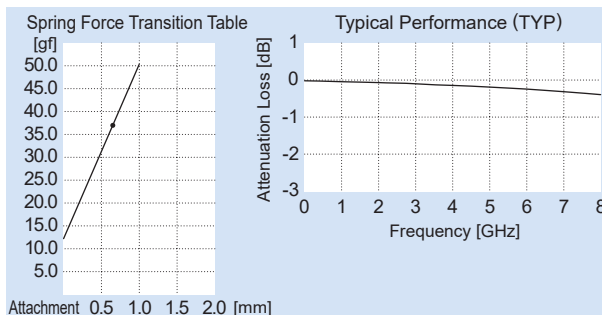
## ■ TW038-NB / NB-50

Tip Needle × Needle



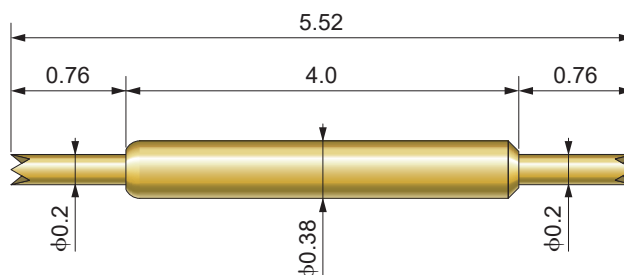
Unit:mm

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	



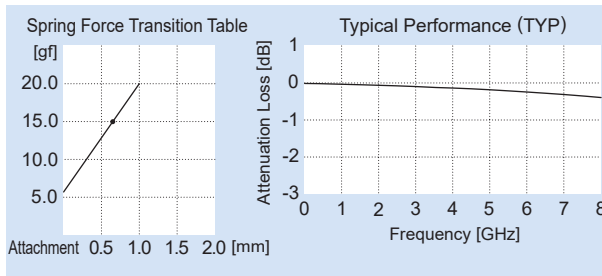
## ■ TW038-4B / 4B-50

Tip Crown 4-Point × Crown 4-Point



Unit:mm

Stroke	1.0 mm		
Spring Force	5.7 gf	Preload	
	15.0±3.0 gf	0.65 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	



● All specifications are subject to change without notice.

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