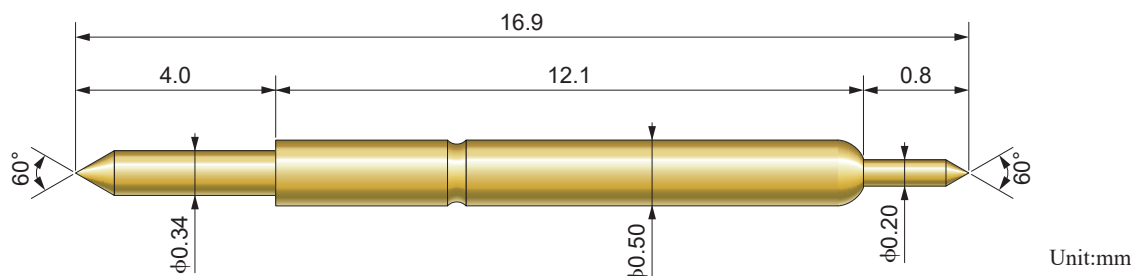


# TW050 series Recommended Pitch 0.80 mm

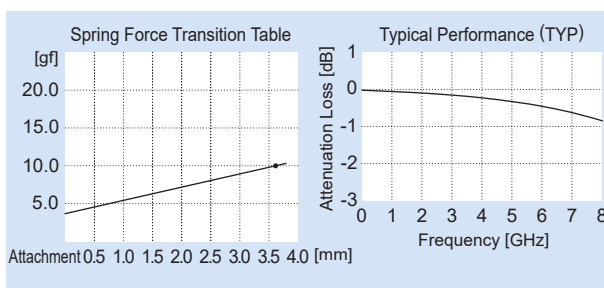


## ■ TW050-NB / NB-00

Tip Needle × Needle

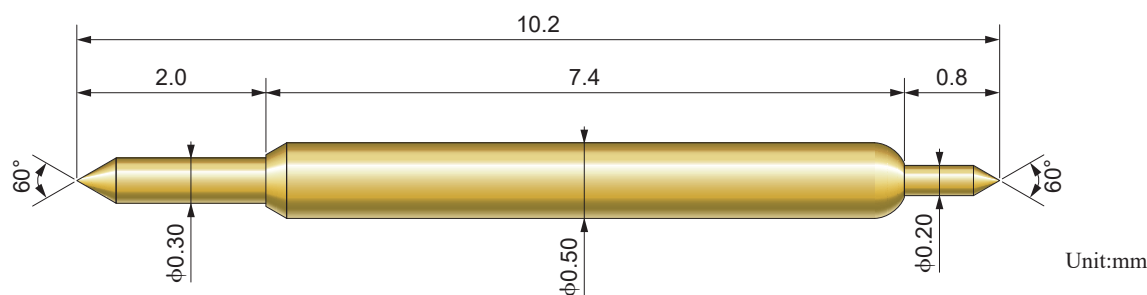


Stroke	3.8 mm		
Spring Force	3.67 gf	Preload	
	10.0±2.0 gf	3.6 mm Recommended Stroke	
Max. Current	1.0 A		
Parts Name	Material	Finish	Application
Plunger	Steel	Au Plated	Needle
Plunger	Steel	Au Plated	Needle
Barrel	Phosphor Bronze	Au Plated	
Spring	Piano Wire	Au Plated	

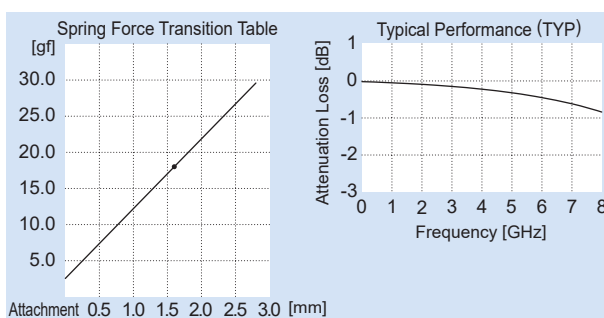


## ■ TW050-NB / NB-01

Tip Needle × Needle



Stroke	2.8 mm		
Spring Force	2.55 gf	Preload	
	18.0±3.57 gf	1.6 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.

**TAISEI Co.,Ltd.** Head Office Sales Dept.

Address : 6972 Shimo-Yoshida, Chichibu-shi, Saitama-ken,  
369-1593, JAPAN.

Phone : +81-494-77-1211 / FAX : +81-494-77-1415

Sales Office **MKT TAISEI Co.,Ltd.**

Address : 3-10-8, Nohagi 1st Bldg, Minami-Ikebukuro, Toshima-ku, Tokyo, 171-0022, Japan.  
Phone : +81-3-3982-0029 / FAX : +81-3-3986-1537

Web Site : <http://www.mkt-taisei.co.jp/>

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