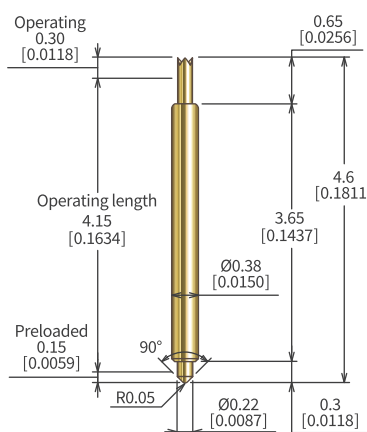


Non-Magnetic 非磁性

Pitch 0.5mm

Probe Outline

Unit: mm [inch]



Specifications

(Referential Value)

Mechanical Specifications

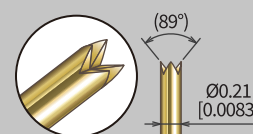
Spring Force at Operating Travel	17gf (0.60oz.)
Operating Travel	0.45mm (0.0177inch)
Operating Temperature	-40 to 80°C
Life Span at Operating Travel	150K Cycles

Electrical Specifications

Current Rating (Continuous)	2.2A
Self Inductance	0.84nH
Bandwidth @ -1dB	40.5GHz
DC Resistance	$\leq 0.05\Omega$

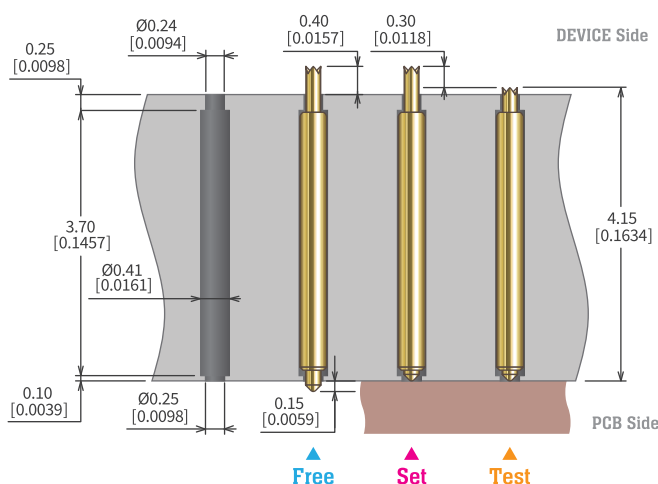
Top Plunger

& Item Number

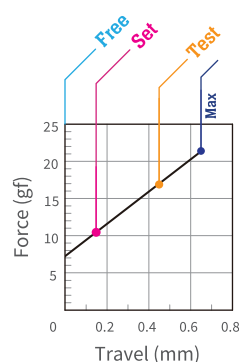
KJW050-003CG


Socket Outline

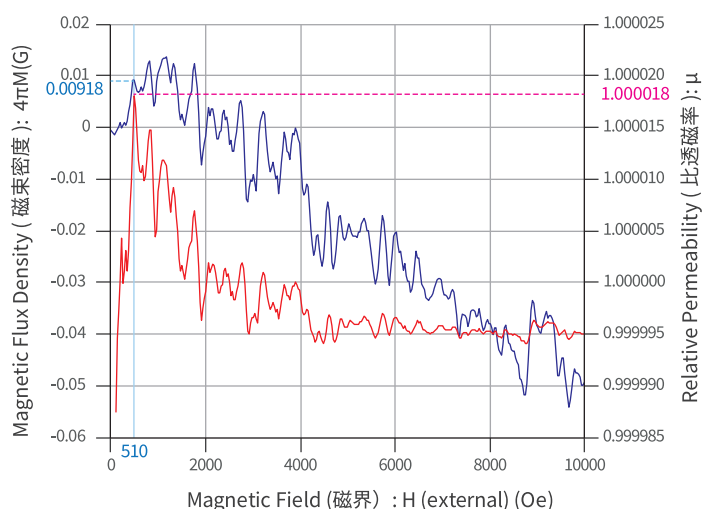
Unit: mm [inch]



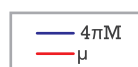
Force Chart



Magnetic Characteristic



※Test Temperature 測定温度: 25°C (298K)



When H is 510Oe (H の値が 510Oe のとき)
 $4\pi M = 0.00918G$

$B = H + 4\pi M$
 $B = \mu H$

Relative Permeability 比透磁率
 $\mu_{max} = 1.000018$

For reference 参考

Aluminum アルミニウム $\mu = 1.000022$
 Air 空気 $\mu = 1.0006$

Customizing Non-Magnetic spring probes

マラソンピンに限らず、様々なスプリングピンを非磁性仕様にカスタムすることが可能です。
 Most KITA Spring probes can be modified to be Non-Magnetic.