

High Current 高電流

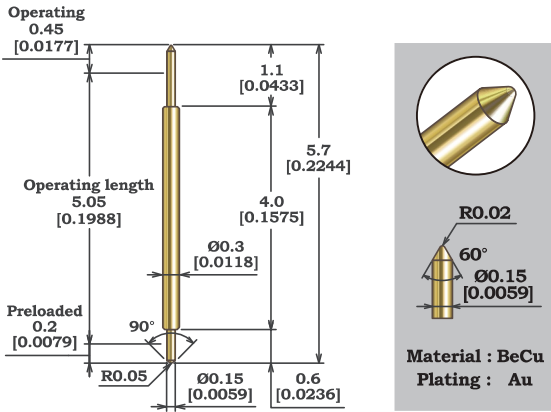
High Temperature 高温

High Current / High Temperature

KMW040-001RG Pitch 0.40mm

Unit: mm [inch]

Probe Outline



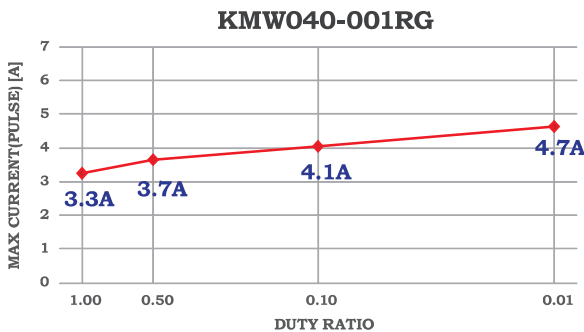
Specifications (Approximate Average Values)

Mechanical Specifications	
Spring Force at Operating Travel	13gf (0.46oz.)
Operating Travel	0.65mm (0.0256inch)
Operating Temperature	-45 to 200°C
Life Span at Operating Travel	1000K Cycles
Electrical Specifications	
Current Rating (Continuous)	3.3A
Self Inductance	1.05nH
Bandwidth @ -1dB	15.6GHz
DC Resistance	≤0.1Ω
Material and Finishes	
Bottom Plunger	BeCu / Au Plated
Barrel	Phosphor Bronze / Au Plated
Spring	Stainless Steel / Au Plated

Rectangular Pulse Example

Duty Ratio	ON	OFF	Max Current
1.0	Continuous		3.3A
0.5	0.1sec	0.1sec	3.7A
0.1	0.1sec	0.9sec	4.1A
0.01	0.1sec	9.9sec	4.7A

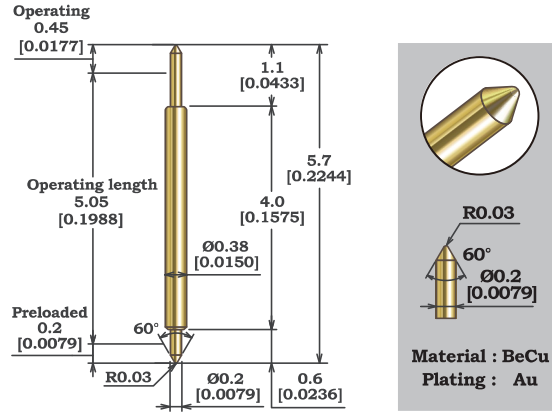
Duty Ratio Chart



KJW050-002RG Pitch 0.50mm

Unit: mm [inch]

Probe Outline



Specifications (Approximate Average Values)

Mechanical Specifications	
Spring Force at Operating Travel	13gf (0.46oz.)
Operating Travel	0.65mm (0.0256inch)
Operating Temperature	-45 to 200°C
Life Span at Operating Travel	1000K Cycles
Electrical Specifications	
Current Rating (Continuous)	4.4A
Self Inductance	1.02nH
Bandwidth @ -1dB	13.6GHz
DC Resistance	≤0.05Ω
Material and Finishes	
Bottom Plunger	BeCu / Au Plated
Barrel	Phosphor Bronze / Au Plated
Spring	Stainless Steel / Au Plated

Rectangular Pulse Example

Duty Ratio	ON	OFF	Max Current
1.0	Continuous		4.4A
0.5	0.1sec	0.1sec	4.7A
0.1	0.1sec	0.9sec	5.2A
0.01	0.1sec	9.9sec	6.2A

Duty Ratio Chart

