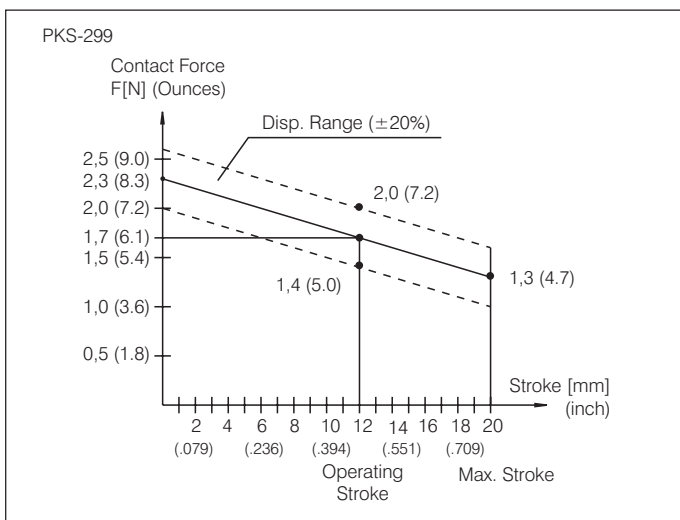


Available Tip Styles					
Material	Tip Style	Standard Plating	Special Versions		
			Ø	Øinch	
2	01 **	R	Ø 2,00 (.079)		
3	02	A	Ø 2,50 (.098)		
2	04 **	R	Ø 1,30 (.051)	2,00	(.079)
2	15* **	A	Ø 2,00 (.079)		

* pressed-in HM-Tip, Installation Height 6,5 mm (.256)
 ** Collar Diameter: 2,0 mm (.079)

Special Versions without Collar					
Material	Tip Style	Standard Plating	Special Versions		
			Ø	Øinch	
2	01 ***	R	Ø 1,50 (.059)		
2	04 ***	R	Ø 1,50 (.059)		
3	05 ***	A	Ø 1,30 (.051)		

*** Shaft Diameter: 1,50 mm (.059)



Ordering Example:

Series	Tip Material	Tip Style	Tip Diameter	Plating	Spring Force	Collar Height	Type
2	2 = Steel	01	2,00 (1/100 mm)	R = Rhodium	17 (dN)	02 (mm)	B
2	3 = BeCu	04	1,30 (1/100 mm)	R = Rhodium	17 (dN)	02 (mm)	BH

Test Probe:

PKS 299 2 0 1 2 0 0 R 17 0 2 B

Test Probe for usage up to 10 A:

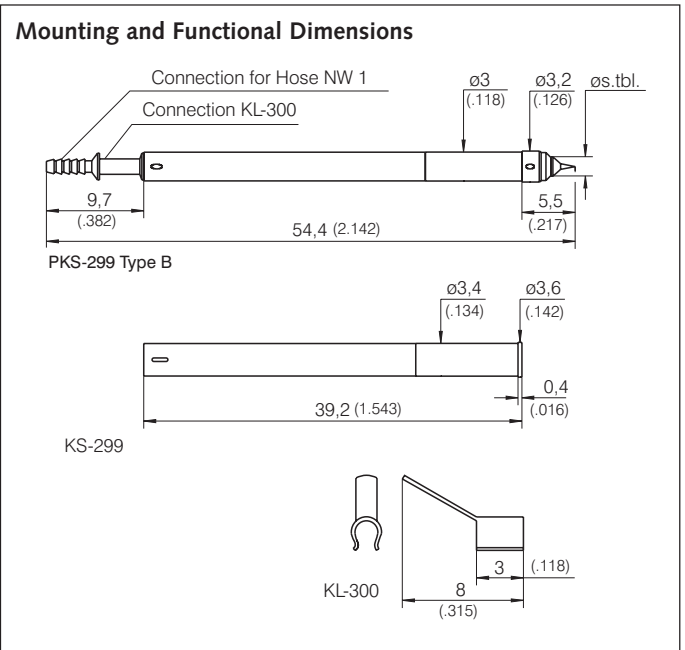
PKS 299 2 0 4 1 3 0 R 17 0 2 BH

Receptacle:

KS - 299

Clip Connection with Solder Terminal:

KL - 300



Mechanical Data

Working Stroke: 12,0 mm (.472)
 Maximum Stroke: 20,0 mm (.787)
 Contact Force at Work. Stroke: 1,7 N (6.1oz)
 Operating Medium: Compressed Air (filtered, oil-free)
 Operating Pressure: 6 bar (86 psi)

Electrical Data

Current Rating: 2-3 A (up to 10 A
 > see Note below)
 R_i typical: 30 mΩ

Mounting Hole Size

with Receptacle: Ø 3,38 - 3,39 mm (.1331 - .1335)
 without Receptacle: Ø 3,00 mm (.1181)

Materials

Plunger: Steel or BeCu, rhodium- or gold-plated
 Barrel: Brass, gold-plated
 Restoring Spring: Steel, gold-plated
 Receptacle: Brass, gold-plated
 O-Rings: Perbunan

Note:
 For High-Current Applications up to 10 A, order with Special Designation "BH" (Terminal "B").

The Receptacles can be used from Grid 4,0 mm (160 Mil) up.

Pneumatic-Accessories and general Instructions
 > see Page 66/67.

Warning: do not solder the cable to the crimp points of the Receptacle.