

HKF 617

Scratch-free Contacting
of Flat Connectors up to 40 A

NEW

Grid:

≥ 5,50 mm

≥ 220 Mil

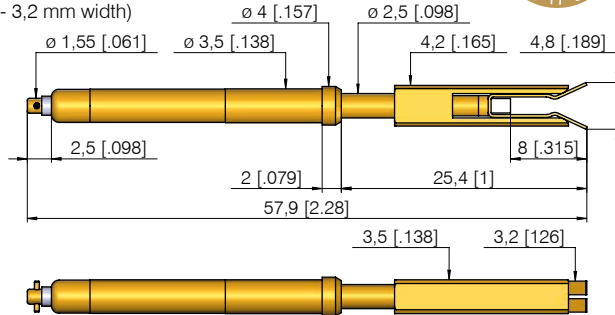
Installation height with KS: 27,9 mm (1.098)

Recommended stroke: 4,4 mm (.173)

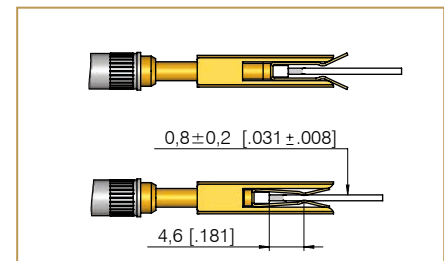
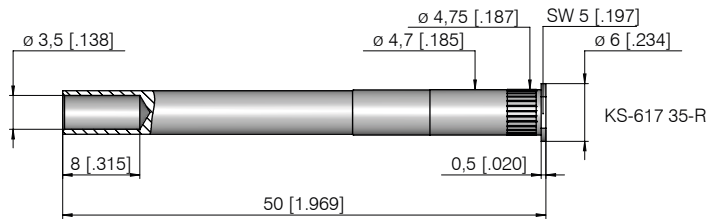
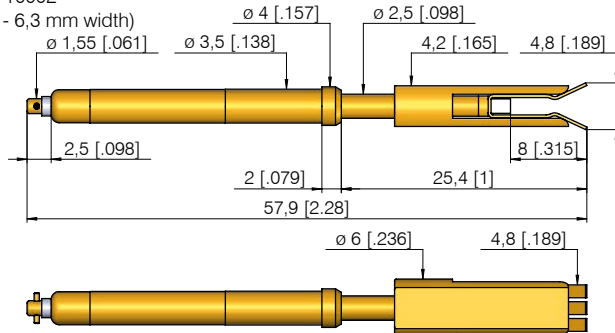
Mounting and functional dimensions



HKF-617 032 08 080 A 10002
(for flat connectors 2,8 - 3,2 mm width)



HKF-617 063 08 080 A 10002
(for flat connectors 4,8 - 6,3 mm width)



Note:

The high current clamp HKF-617 enables secure contacting of flat connectors of 20 to 40 A. During the contacting process, the contact lamellae are pressed onto the flat connectors without scratching them.

Materials

Spring clip: Bronze, gold-plated
Barrel: Brass, gold-plated
Receptacle: Brass, gold-plated

Electrical data

Current rating (at room temp.):
HKF-617 032: max. 20 A
HKF-617 063: max. 40 A
R_i typical: < 5 mΩ

Flat connector to be contacted

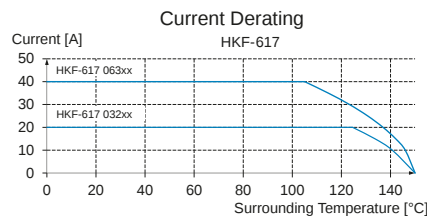
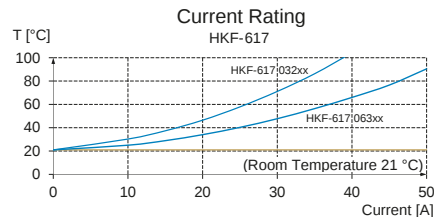
Min. length: 9,0 mm (.354)
Thickness flat connector: 0,8 ± 0,2 mm (.031 ± .008)

Operating temperature

Standard: -100° up to +150° C

Mounting hole size

for KS-617 35-R
in CEM1 and FR4: Ø 4,68 - 4,72 mm (.1840 - .1860)



Mechanical data

Min. immersion depth: 8,0 mm (.315)
Working stroke: 4,4 mm (.173)
Max. stroke: 5,5 mm (.217)
Spring-force at work. stroke: 10 N (35.97oz)

Ordering example

	Series	Width (1/10 mm)	Thickness flat connector (1/10 mm)	Immersion depth (1/10 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)
High current clamp (width 2,8 - 3,2 mm):	HKF	617	032	08	080	A	10002
High current clamp (width 4,8 - 6,3 mm):	HKF	617	063	08	080	A	10002
Receptacle:	KS-617	35-R					