



Locating Pins For Height Adjusting

Feature: Locating pins for printed circuit boards. B dimension is fixed short for thin boards. Reasonably priced.

Locating Pins – For Height Adjusting

RoHS 10

* An insertion guide will only be machined on p6 & m6 toleranced components.
 ⚠ When the P dimension is small, a centering hole will cause the sphere section to become smaller and more noticable.

Material No.	Material	Surface Treatment	Hardness	Large Head		Small Head	
				Standard	Threaded	Standard	Tapped
(1)	304 Stainless Steel Equivalent	—	—	SFPLA m6 SFPLP p6	SFPLN	SFPMA m6 SFPMP p6	SFPMT
(2)	440C or 420 Stainless Steel	—	Treated Hardness: 50-55 HRC min.	CFPLA m6 CFPLP p6	CFPLN	CFPMA m6 CFPMP p6	CFPMT

Large Head Standard

Small Head Standard

Large Head Threaded

Small Head Tapped

When $D(P) \geq 3$
 $a = 1.0$
 $d = D(P) - 0.2$
 When $D(P) < 3$
 $a = 0.5$
 $d = D(P) - 0.1$

⚠ Relief dimension is reference value.

Large Head Standard

Part Number		D Tolerance		P	L	B	C	ℓ ₁
Type	D	m6	p6	0.01 mm Increment	1 mm Increment			
SFPLA m6	1	+0.008	+0.012	1.50-2.00	2-10	1	0.1	0
SFPLP p6	2			2.50-4.00	2-15		0.2	
CFPLA m6	3			+0.002	+0.006	3.50-6.00	3-15	2

Large Head Threaded

Part Number		D Tolerance	P	L	B	M
Type	D	g6	0.01 mm Increment	1 mm Increment		(Coarse)
SFPLN	2	-0.002	2.50-4.00	0-12	1	M2
CFPLN	3	-0.008	3.50-6.00		2	M3

⚠ For full thread, specify L = 0 and alteration NNC.

Small Head Standard

Part Number		D Tolerance		P	L	B	C	ℓ ₁
Type	D	m6	p6	0.01 mm Increment	1 mm Increment			
SFPMA m6	2	+0.008	+0.012	1.00-1.95	2-15	1	0.3	0
SFPMP p6	3			+0.002	+0.006		1.50-2.95	
CFPMA m6	4	+0.012	+0.020	2.50-4.00	3-20	2	1	1
CFPMP p6	5						+0.004	

Small Head Tapped

Part Number		D Dimension Tolerance	P	L	B	C	M	ℓ ₂
Type	D	g6	0.01 mm Increment	1 mm Increment			(Coarse)	
SFPMT	5	-0.004	2.50-4.00	10-20	2	0.5	M2	3
CFPMT	6	-0.012					M3	5

Part Number Example

Part Number	Part Number	P	L
Type	D		
SFPLN	2	P2.90	L8
CFPMA	6	P3.95	L15

Part Number Alterations

Part Number	P	L	(RC)
SFPMT5	P2.95	L10	RC

Application Example

Sphere tip prevents damage of the circuit board.
 B dimension is fixed short and pins don't protrude.

	Underhead Fillet	Radius
Alteration		
Code	NNC	RC
Spec.	Ordering Code: NNC - Applicable when L=0 - Large head male screw. Only applicable	Changes the relief to R0.5. Ordering Code: RC - Applicable when P-D ≥ 2.

