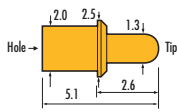


TRF-50 / TVK-30 / TPC-50 / TPC-100

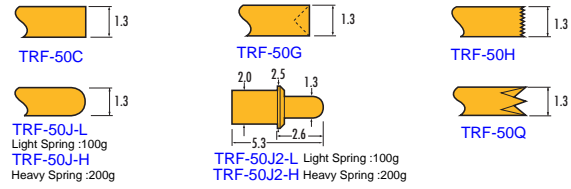
TRF-50 Series

A very short overall length is the major design feature of the PC3 series. This allows it to be used in very confined areas

Full Travel	1.20mm
Recommended working travel	1.00mm
Spring force at working travel	100g (Light spring) 200g (Heavy spring)
Current Rating DC cont	3 amps
Minimum test centres	3.00mm

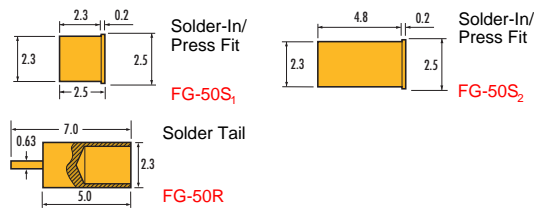


Tips



Receptacles

Mounting hole size : with receptacle 2.3mm  
without receptacle 2.0mm

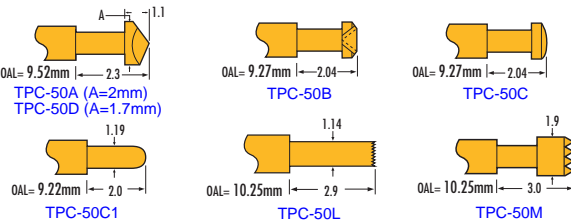


TPC-50 Series

A series of low-cost spring contacts with a short stroke, now widely used for applications where a short overall length is required. The wire-wrap post on the receptacle can be cropped if not required.

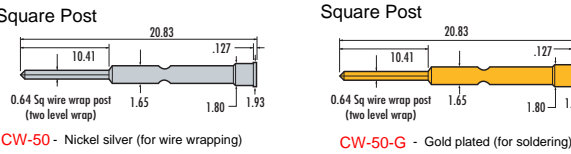
Full Travel	1.27mm (min.)
Recommended working travel	1.27mm (max.)
Spring force	initial : 31g at full travel : 110g
Current Rating DC cont	3 amps
Minimum test centres	2.54mm

Tips



Receptacles

Mounting hole size : 1.7/1.75mm  
1.75mm drill is most comonly used: DA3/DA3A  
RIT Tool-TC1

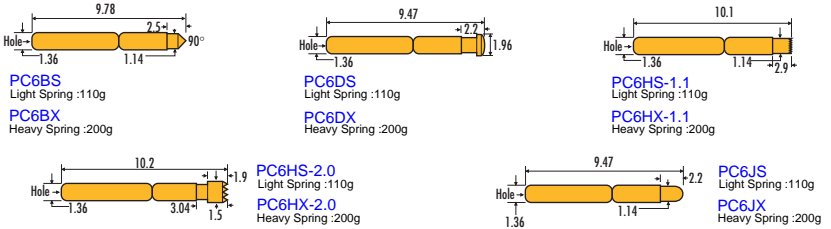


TVK-30 Series

Based on the PC1 series, the PC6 series offers superior electrical characteristics which make them ideal for use as a replaceable miniature battery contract. This series uses a receptacle to enable soldering to the PCB or to the wiring.

Full Travel	1.27mm
Recommended working travel	0.84mm
Spring force at full travel	110g (Light Spring) 200g (Heavy Spring)
Current Rating	3 amps
Minimum centre spacing	2.54mm

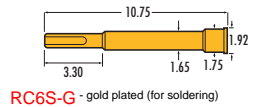
Tips



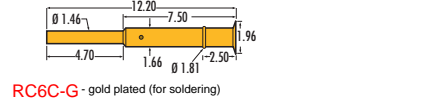
Receptacles

Mounting hole size : 1.70mm  
1.70mm drill is most commonly used" Drill part no. DA3  
RIT tool part no. TCI

Solder Cup



Solder-In

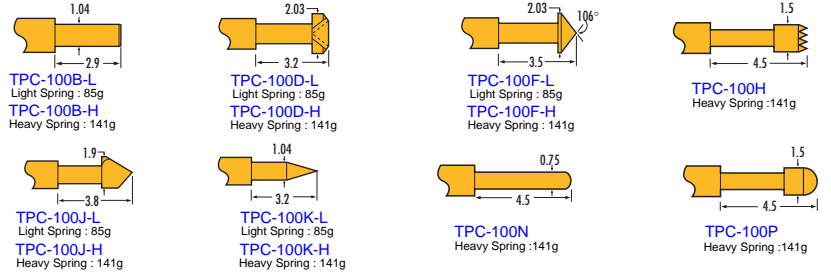


TPC-100 Series

Similar to the TPC-50 & TVK-30 series, the PC2 series has twice the travel (2.5mm). The TPC-100 spring contact can be soldered in, or can be fitted in its receptacle. The wire wrap post on the receptacle can be removed if not required.

Full Travel	2.54mm (min.)
Recommended working travel	1.91mm
Spring force	Light spring - initial : 48g at working travel : 85g Heavy spring - initial : 80g at working travel : 141g
Current Rating DC cont	3 amps
Minimum test centres	2.54mm

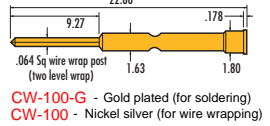
Tips



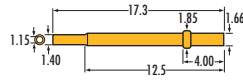
Receptacles

Mounting hole size : 1.7/1.75mm  
1.75mm drill is most comonly used: DA3/DA3A  
RIT Tool-TC2

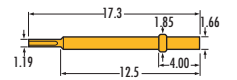
Square Post



Solder-In



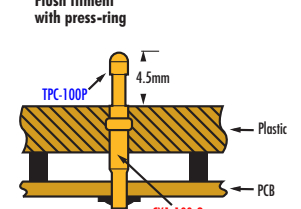
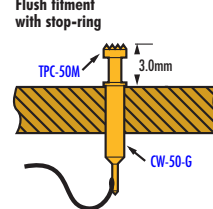
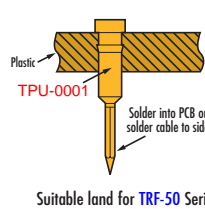
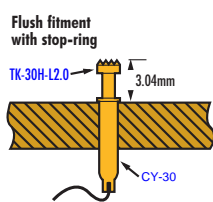
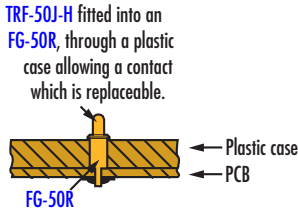
Solder Cup



Front fitment

press-fitment (interference or epoxy) and replaceable if used with a receptacle.

Example fitment method :

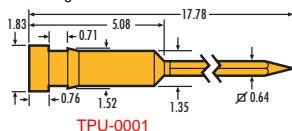


Mating contact lands for TRF-50 / TVK-30 / TPC-50 / TPC-100

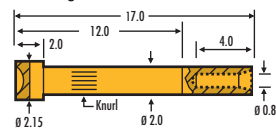
A series of precious metal coated solid lands for use as the mating part of a spring contact. Applications include :

- as a contact plate in a battery pack
- in a docking station for a hand-held instrument

\*Small sized \*Gold plated \*Flat headed  
\*Press-fitment  
\*Solder-in or wire-wrapping connection  
\*Tail can be cropped shorter or removed  
\*Mounting hole size 1.40mm

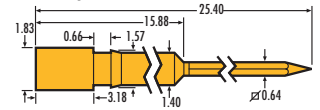


\*Medium sized \*Flat headed(Slightly dished)  
\*Press-fitment  
\*Solder-in or solder-well connection  
\*Mounting hole size 1.98mm



TPU-0002 (ONLY for TPC-50 & TPC-100 Series)

\*Small sized \*Gold plated \*Flat headed  
\*Press-fitment  
\*Solder-in or wire-wrapping connection  
\*Tail can be cropped shorter or removed  
\*Mounting hole size 1.45mm



\*\* All dimensions are in mm