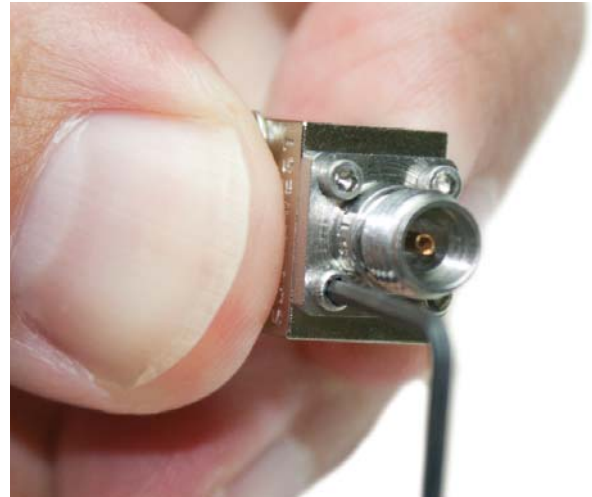


**1:** Tighten rear plates on back so that when you remove connector, teflon and launch pin will stay inside block.



**2:** Loosen connector screws.



**3:** Remove all four screws and remove connector.



**4:** If pin and dielectric stay in place, proceed to step 6.



**4 B:** Dielectric and pin may pull away with connector. If this happens proceed to next step.



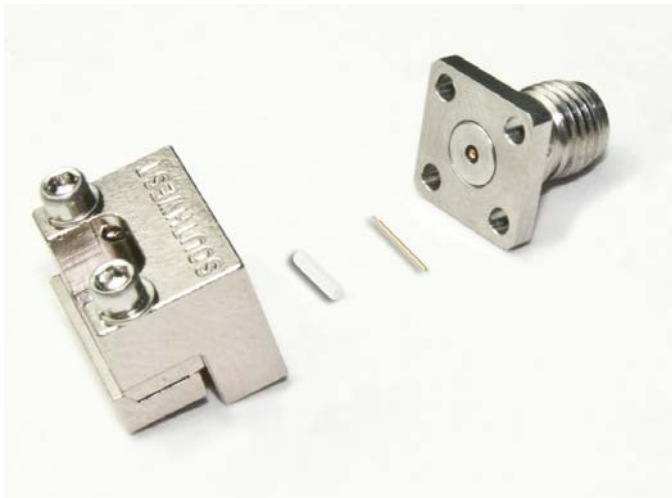
**5:** Remove pin and dielectric from the connector then proceed to step 7.



**6:** Remove pin and dielectric from block then proceed to next step.



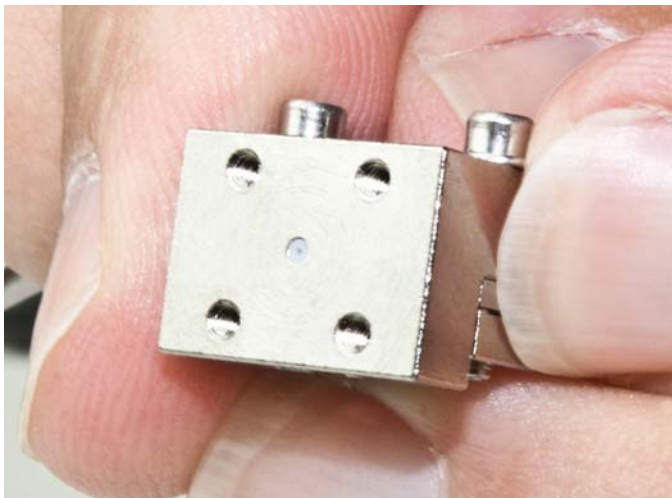
**7:** Remove launch pin from dielectric by pushing pin through the dielectric.



**7 B:** The launch pin and dielectric should now be separated.



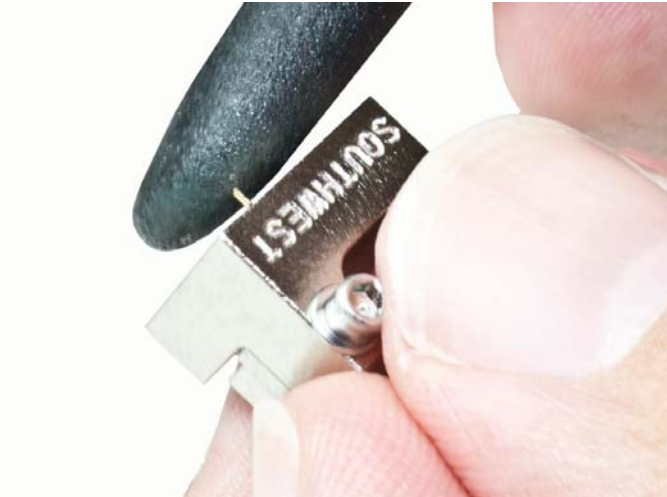
**8:** Place the dielectric back into the block.



**8 B:** Make sure the dielectric is inserted all the way and flush with the block face as shown.



**9:** Insert new pin into dielectric.



**9:** Use end of tweezer to push pin all the way in until it hits and stops at the rear plates.



**10:** Reinstall connector by aligning launch pin into rear of connector.



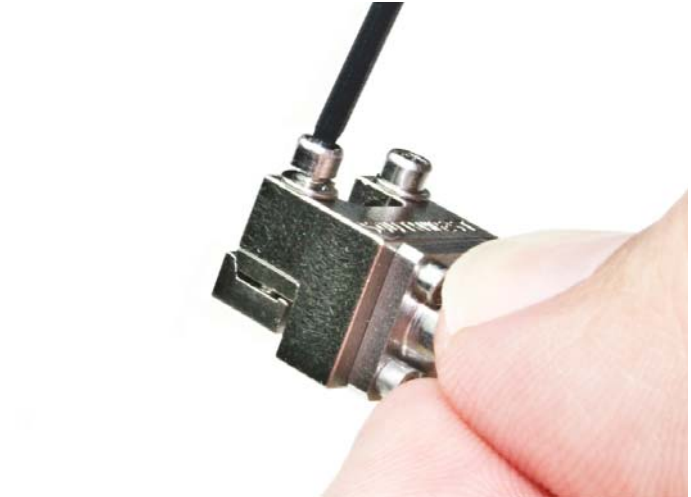
**11:** Place screws back on connector.



**12:** Tighten screws following "Mounting Guidelines for Flange Mount Connectors" page 102 in catalog.



**13:** Launch pin repair is complete.



**14:** Loosen rear plate screws and reinstall into application.



**SOUTHWEST MICROWAVE, INC.**  
Microwave Products Division  
9055 South McKemy Street  
Tempe, Arizona 85284-2946  
Telephone (480) 783-0201  
Fax (480) 783-0360

## **End Launch Replacement Pin and Dielectric Part Numbers**

<i>Connectors that accept</i>	<i>Replacement Pin</i>	<i>Replacement Dielectric</i>	<i>Combo Pin &amp; Dielectric</i>
20 mil pin	290-13P	290-13D	290-13G
15 mil pin	290-11P	29011D	29011G
12 mil pin	1090-11P	1090-11D	1090-11G
9 mil pin	1490-16P	1490-11D	None