

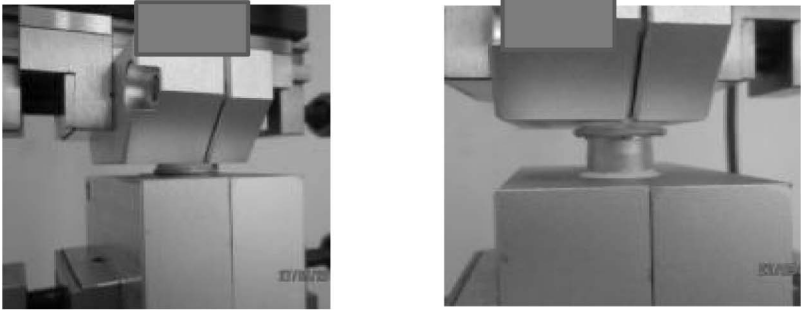


## Push-pull 2B Insertion and Extraction Force Test Report

Report No. : QT2017082407-1

Application No.: 2017082407

Date: 2017-8-28

App. Dept.		App. Person		Material No.	PUSH PULL	Client/Supplier:	/	
Equipment	Auto Insertion and Extraction Force Tester(Including weights)				(Qty of Samples)	3PCS		
Sample Spec	Push-pull 2B (male and female)							
Parameters	Mating cycles	(mm/Min.) Speed			Contact Resistance			
	5000cycles	150 mm/min			Max: ~ mΩ			
standard	After 5,000 insertions and removals, the mechanical insertion and removal performance of the product is normal.							
Pictures								
R e s u l t s	and Extraction Force test data Curves (refer to attachment)					Insertion		Results
	Mating cycles	Items	First	Last	Max	Min		
	NO.1	Insertion Force(gf)	1456	1211	4626	1161	5005 5005 cycles, mechanical insertion and removal performance is normal	
		Extraction Force(gf)	-1170	-1346	-2690	-876		
		Contact Resistance(mΩ)	/	/	/	/		
	NO.2	Insertion Force(gf)	1069	1250	4663	981	5005 5005 cycles, mechanical insertion and removal performance is normal	
		Extraction Force(gf)	-950	-944	-2039	-764		
		Contact Resistance(mΩ)	/	/	/	/		
	NO.3	Insertion Force(gf)	1276	1310	4932	1022	5005 5005 cycles, mechanical insertion and removal performance is normal	
		Extraction Force(gf)	-1040	-1136	-2450	-891		
Contact Resistance(mΩ)		/	/	/	/			
Final Result	<input checked="" type="checkbox"/> PASSED <input type="checkbox"/> FAILED							
Remark								

Approved by: RHS

Operator: J. Hewitt

A/O

FC-QR-021