


Repeated Insertion/Withdrawal test report

(Test Item) : Repeated Insertion/Withdrawal test
 Insertion & withdrawal force test & 1500 cycles shall be measured
 (Test Sample) : 5 PCS
 (Test speed) : 20 cycles per minute
 (Description) : USB
 (Main Part No) : MC32593
 (Standard insertion force range) : 3.57 Kgf Max.
 (Standard withdrawal force range): 1.02 Kgf Min.

(No.)	(Functions)	(Result)	(Contact)	(Test Photo)
1	Initial. I. F.	1.72	Max : 13.01mΩ Min : 9.88mΩ	
	Initial. W. F.	1.55		
	I.F. at 1500 th	1.34		
	W.F. at 1500 th	1.29		
2	Initial. I. F.	1.67	Max : 12.87mΩ Min : 8.68mΩ	
	Initial. W. F.	1.45		
	I.F. at 1500 th	1.62		
	W.F. at 1500 th	1.35		
3	Initial. I. F.	1.68	Max : 13.96mΩ Min : 11.12mΩ	
	Initial. W. F.	1.50		
	I.F. at 1500 th	1.55		
	W.F. at 1500 th	1.24		
4	Initial. I. F.	1.64	Max : 12.76mΩ Min : 10.88mΩ	
	Initial. W. F.	1.55		
	I.F. at 1500 th	1.53		
	W.F. at 1500 th	1.32		
5	Initial. I. F.	1.69	Max : 11.59mΩ Min : 9.56mΩ	
	Initial. W. F.	1.44		
	I.F. at 1500 th	1.62		
	W.F. at 1500 th	1.31		

Part Number Table

Description	Part Number
USB Connector, USB Type A, USB 2.0, Receptacle, 4 Ways, Through Hole Mount, Right Angle	MC32593