

AUGUST 8, 1989

TEST REPORT # 034

INSERTION /WITHDRAWAL FORCE
AS A FUNCTION OF BOARD INSERTION

SULLINS SALES DEPARTMENT

APPROVED BY : NOP BOONSUE
ENGINEERING AND QUALITY ASSURANCE MANAGER
SULLINS ELECTRONICS CORPORATION



Sullins Electronics Corp.

801 E. Mission Rd.
San Marcos, Ca. 92069

SCOPE

To perform insertion / withdrawal testing on the edge card connectors as manufactured by Sullins Electronics Corporation and submitted by the test sponsor, Sullins Electronics Sales Department.

TEST SAMPLES AND PREPARATION

1. The following samples were submitted by the manufacturer, Sullins Electronics, for evaluation by Sullins Test Laboratories.

Quantity	<u>Part Number</u>
5	ASM10DRMH

2. Unless otherwise indicated, all materials were certified by the manufacturer to be in accordance with the applicable product specification.
3. The test consisted of having the insertion and withdrawal forces tested on five different connectors on five different pairs of contacts.



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SAMPLE NUMBER	INSERTION FORCE	WITHDRAWAL FORCE	AVERAGE INSRTION	AVERAGE WITHDRAWAL
1	6.0	2.8	6.0	2.8
	6.0	2.8		
	6.0	2.8		
	6.0	2.8		
	6.0	2.8		
2	6.0	2.7	6.0	2.7
	6.0	2.7		
	5.9	2.7		
	5.9	2.7		
	6.0	2.7		
3	6.2	2.9	6.2	3.0
	6.2	3.0		
	6.2	2.9		
	6.2	3.0		
	6.2	3.0		
4	6.0	2.9	6.0	2.9
	6.0	2.9		
	6.0	2.9		
	6.0	2.9		
	6.0	2.9		
5	6.0	2.8	6.0	2.8
	6.0	2.8		
	6.0	2.8		
	6.0	2.8		
	6.0	2.8		

EQUIPMENT LIST

NAME

BRAND AND MODEL

1. PUSH-PULL FORCE GAUGE

JOHN CHATILLON & SONS MODEL DPP

2. .062" STEEL TEST BLADE



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