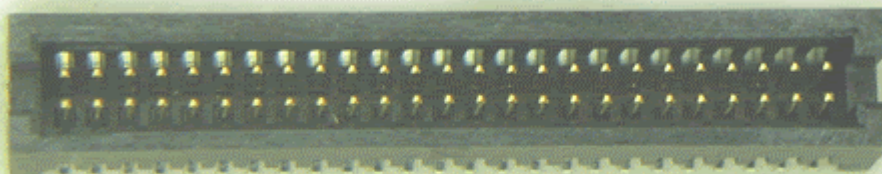




Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		



SFM-125-X2-S-D-A



TFM-125-X2-S-D-A

PART DESCRIPTION

- SFM-125-02-S-D-A
- SFM-125-L2-S-D-A
- SFM-125-T2-S-D-A
- TFM-125-02-S-D-A





Project Number: 41C		Tracking Code: 0152-041C-0584			
Requested by: W. Ouyang		Date: 12/26/01		Product Rev: BD & BJ respectively	
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A			Lot #: 12/21/01		Tech: T. Cook
Part description: .050 X .050 Terminal/Socket Strip Assembly				Qty to test: 15	
Test Start: 01/03/02		Test Completed: 2/22/02			

CERTIFICATION

All instruments and measuring equipment were calibrated to National Institute for Standards and Technology (NIST) traceable standards according to ISO 10012-1 and ANSI/NCSL 2540-1, as applicable.

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Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

SCOPE

To perform the following tests: Mechanical Testing

APPLICABLE DOCUMENTS

Standards: EIA Publication 364



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02		Test Completed: 2/22/02	

FLOWCHART

Uses TFM-125-02-S-D-A as approved mating component

Sequence (a)

TEST STEP	GROUP 1	GROUP 2	GROUP 3
	1 Board/Connector (min)	1 Board/Connector (min)	1 Board/Connector (min)
	Mating/Unmating Thermal/humidity SFM-125-02-S-D-A	Mating/Unmating Thermal/humidity SFM-125-L2-S-D-A	Mating/Unmating Thermal/humidity SFM-125-T2-S-D-A
01	Mating / Unmating	Mating / Unmating	Mating / Unmating
02	5 Cycles	5 Cycles	5 Cycles
03	Mating / Unmating	Mating / Unmating	Mating / Unmating
04	Thermal Aging (Mated)	Thermal Aging (Mated)	Thermal Aging (Mated)
05	Mating / Unmating	Mating / Unmating	Mating / Unmating
06	Humidity (Mated)	Humidity (Mated)	Humidity (Mated)
07	Mating / Unmating	Mating / Unmating	Mating / Unmating

Mating/Unmating= EIA-364-13

Thermal Aging = EIA-364-17, 105 deg C, Condition 'C' for 500 hours

Humidity = EIA 364-31 Excluding Steps 7a , 7b

+25 deg C to + 65 deg C --- 90% RH to 95% RH, 240 hours

Sequence (b)

Uses TFM-125-02-S-D as approved mating component

TEST STEP	GROUP 1a	GROUP 1b	GROUP 1c
	1 Board/Connector (min)	1 Board/Connector (min)	1 Board/Connector (min)
	Engagement/Separation Thermal/humidity SFM-125-02-S-D-A	Engagement/Separation Thermal/humidity SFM-125-02-S-D-A	Engagement/Separation Thermal/humidity SFM-125-02-S-D-A
01	Engagement/Separation		
02			
05		Thermal Aging (Mated)	
06		Engagement/Separation	
07			Humidity (Unmated)
08			Engagement/Separation

Engagement/Separation= EIA-364-37, Method B (approved mating component)

Thermal Aging = EIA-364-17, 105 deg C, Condition 'C' for 500 hours

Humidity = EIA 364-31 Excluding Steps 7a , 7b

+25 deg C to + 65 deg C --- 90% RH to 95% RH, 240 hours



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02		Test Completed: 2/22/02	

FLOWCHART continued

Sequence (b) continued

TEST STEP	GROUP 2a 1 Board/Connector (min) Engagement/Separation Thermal/humidity	GROUP 2b	GROUP 2c
01	SFM-125-L2-S-D-A	SFM-125-L2-S-D-A	SFM-125-L2-S-D-A
02	Engagement/Separation		
05		Thermal Aging (Mated)	
06		Engagement/Separation	
07			Humidity (Unmated)
08			Engagement/Separation

Sequence (b) continued

TEST STEP	GROUP 3a 1 Board/Connector (min) Engagement/Separation Thermal/humidity	GROUP 3b	GROUP 3c 1 Board/Connector (min) Engagement/Separation Thermal/humidity
01	SFM-125-T2-S-D-A	SFM-125-T2-S-D-A	SFM-125-T2-S-D-A
02	Engagement/Separation		
05		Thermal Aging (Mated)	
06		Engagement/Separation	
07			Humidity (Unmated)
08			Engagement/Separation

Engagement/Separation= EIA-364-37, Method B (approved mating component)

Thermal Aging = EIA-364-17, 105 deg C, Condition 'C' for 500 hours

Humidity = EIA 364-31 Excluding Steps 7a , 7b

+25 deg C to + 65 deg C --- 90% RH to 95% RH, 240 hours

FLOWCHART continued

Sequence (c)

TEST STEP	GROUP 1 Individual Contacts (30 min) Normal Force Ambient SFM-125-02-S-D-A	GROUP 2 Individual Contacts (30 min) Normal Force Ambient SFM-125-L2-S-D-A	GROUP 3 Individual Contacts (30 min) Normal Force Ambient SFM-125-T2-S-D-A
01	Normal Force	Normal Force	Normal Force

Normal Force= EIA-364-04



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

ATTRIBUTE DEFINITION

Following is a brief, simplified description of each attribute measured.

THERMAL AGING:

- 1) EIA-364-17, *Temperature Life with or without Electrical Load Test Procedure for Electrical Connectors*.
 - a) Test Condition 4 at 105 ° C.
 - b) Test Time Condition C for 500 hours.
- 2) Connectors are mated.

CYCLIC HUMIDITY:

- 1) Reference document: EIA-364-31, *Humidity Test Procedure for Electrical Connectors*.
 - a) Test Condition B, 240 Hours.
 - b) Method III, +25 ° C to + 65 ° C, 90% to 95% Relative Humidity excluding sub-cycles 7a and 7b.

NORMAL FORCE (FOR CONTACTS TESTED OUTSIDE THE HOUSING):

- 1) Reference document: EIA-364-04, *Normal Force Test Procedure for Electrical Connectors*.
- 2) The contacts shall be tested in the loose state, *not* inserted in connector housing.
- 3) The contacts shall be prepared to allow access to the spring member at the same attitude and deflection level as would occur in actual use.
- 4) A Figure depicts the test probe and contact configuration.
- 5) In the event that portions of the contact prevent insertion of the test probe and/or deflection of the spring member under evaluation, said material shall be removed leaving the appropriate contact surfaces exposed.
- 6) In the case of multi-tine contacts, each tine shall be tested independently on separate samples as required.
- 7) The connector housing shall be simulated, if required, in order to provide an accurate representation of the actual contact system performance.
- 8) A holding fixture shall be fashioned to allow the contact to be properly deflected.
- 9) Said holding fixture shall be mounted on a floating, adjustable, X-Y table on the base of the Dillon TC², computer controlled test stand with a deflection measurement system accuracy of 5 µm (0.0002”).
- 10) The probe shall be attached to a Dillon P/N 49761-0105, 5 N (1.1 Lb) load cell providing an accuracy of ± 0.2%.
- 11) The nominal deflection rate shall be 5 mm (0.2”)/minute.
- 12) Unless otherwise noted a minimum of five contacts shall be tested.
- 13) The force/deflection characteristic to load and unload each contact shall be repeated five times.
- 14) The system shall utilize the TC² software in order to acquire and record the test data.
- 15) The permanent set of each contact shall be measured within the TC² software.
- 16) The acquired data shall be graphed with the deflection data on the X-axis and the force data on the Y-axis and a print out will be stored with the Tracking Code paperwork.



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

MATING/UNMATING:

- 1) Reference document: EIA-364-13, *Mating and Unmating Forces Test Procedure for Electrical Connectors*.
- 2) The full insertion position was to within 0.003" to 0.004" of the plug bottoming out in the receptacle to prevent damage to the system under test.
- 3) One of the mating parts is secured to a floating X-Y table to prevent damage during cycling.

ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING):

- 1) Reference document: EIA-364-37, *Contact Engagement and Separation Force Test Procedure for Electrical Connectors*.
- 2) Unless otherwise noted a minimum of twenty-five contacts shall be tested.
- 3) The insertion/withdrawal forces for each contact shall be repeated five times.
- 4) The contacts shall be tested in the loose state, *not* inserted in connector housing.
- 5) The contacts shall be prepared to allow access to the spring member at the same attitude and deflection level as would occur in actual use.
- 6) Said holding fixture shall be mounted on a floating, adjustable, X-Y table on the base of the Dillon TC², computer controlled test stand with a deflection measurement system resolution of 5.0 μm (0.0002").
- 7) The probe shall be attached to a load cell providing a typical accuracy of $\pm 0.2\%$.
- 8) The deflection rate shall be 5 mm (0.2")/minute nominal (not to exceed 2"/min).
- 9) The system shall utilize the TC² software in order to acquire and record the test data.
- 10) The acquired data shall be graphed with the deflection data on the X-axis and the force data on the Y-axis.



Project Number: 41C		Tracking Code: 0152-041C-0584			
Requested by: W. Ouyang		Date: 12/26/01		Product Rev: BD & BJ respectively	
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A			Lot #: 12/21/01		Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly				Qty to test: 15	
Test Start: 01/03/02		Test Completed: 2/22/02			

TEST SUMMARIES

NORMAL FORCE (FOR CONTACTS TESTED OUTSIDE THE HOUSING):

- 1) Calibrated force gauges were used along with computer controlled positioning equipment.
- 2) Typically, 5-10 readings were taken and the averages reported.

SFM-125-02-S-D-A

Deflections in inches, Forces in Grams

	<u>0.0010</u>	<u>0.0015</u>	<u>0.0020</u>	<u>0.0025</u>	<u>0.0030</u>
Averages	14.74	26.49	38.74	51.15	63.92
Min	12.96	24.60	35.51	47.76	58.30
Max	18.87	33.91	46.57	56.12	66.63
St. Dev	2.36	4.15	4.50	3.27	3.34
Count	5	5	5	5	5

SFM-125-L2-S-D-A

Deflections in inches, Forces in Grams

	<u>0.0010</u>	<u>0.0015</u>	<u>0.0020</u>	<u>0.0025</u>	<u>0.0030</u>
Averages	10.67	18.43	26.39	34.60	42.67
Min	8.96	16.48	24.72	32.96	41.37
Max	11.82	20.42	28.84	37.97	45.13
St. Dev	1.11	1.67	1.69	1.99	1.48
Count	5	5	5	5	5

SFM-125-T2-S-D-A

Deflections in inches, Forces in Grams

	<u>0.0010</u>	<u>0.0015</u>	<u>0.0020</u>	<u>0.0025</u>	<u>0.0030</u>
Averages	10.87	18.54	26.74	35.00	42.50
Min	9.67	16.84	24.36	32.06	40.48
Max	11.82	20.06	28.66	37.43	46.57
St. Dev	0.77	1.17	1.72	2.30	2.45
Count	5	5	5	5	5



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

MATING/UNMATING:

SFM-125-02-S-D-A

Initial

	First Cycle			
	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	169.60	10.60	129.28	8.08
Maximum	180.80	11.30	146.24	9.14
Average	175.89	10.99	140.27	8.77

SFM-125-02-S-D-A

Before Environment

	After 5 Cycles			
	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	171.52	10.72	127.36	7.96
Maximum	181.76	11.36	144.96	9.06
Average	176.43	11.03	138.88	8.68

SFM-125-02-S-D-A

After Thermal

	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	92.2	5.76	77.8	4.86
Maximum	99.2	6.20	91.8	5.74
Average	95.7	5.98	84.7	5.29

SFM-125-02-S-D-A

After Humidity

	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	98.2	6.14	86.4	5.40
Maximum	103.7	6.48	94.1	5.88
Average	100.7	6.29	90.8	5.67



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

MATING/UNMATING continued:

SFM-125-L2-S-D-A

Initial

	First Cycle			
	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	149.76	9.36	126.72	7.92
Maximum	153.92	9.62	133.76	8.36
Average	151.47	9.47	129.39	8.09

SFM-125-L2-S-D-A

Before Environment

	After 5 Cycles			
	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	159.68	9.98	136.00	8.50
Maximum	162.88	10.18	141.44	8.84
Average	161.28	10.08	139.52	8.72

SFM-125-L2-S-D-A

After Thermal

	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	77.1	4.82	68.2	4.26
Maximum	93.1	5.82	79.0	4.94
Average	82.7	5.17	72.1	4.51

SFM-125-L2-S-D-A

After Humidity

	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	77.8	4.86	68.5	4.28
Maximum	123.5	7.72	90.2	5.64
Average	93.8	5.86	78.3	4.89



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

MATING/UNMATING continued:

SFM-125-T2-S-D-A	First Cycle			
	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	111.68	6.98	91.84	5.74
Maximum	120.96	7.56	104.00	6.50
Average	116.37	7.27	99.09	6.19

SFM-125-T2-S-D-A	Before Environment			
	After 5 Cycles			
	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	132.48	8.28	101.76	6.36
Maximum	135.68	8.48	116.80	7.30
Average	134.29	8.39	109.33	6.83

SFM-125-T2-S-D-A	After Thermal			
	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	68.2	4.26	54.7	3.42
Maximum	72.3	4.52	66.2	4.14
Average	70.5	4.41	59.8	3.74

SFM-125-T2-S-D-A	After Humidity			
	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	69.12	4.32	67.52	4.22
Maximum	74.24	4.64	73.60	4.60
Average	72.21	4.51	71.47	4.47



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING):

SFM-125-02-S-D-A	Initial			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	1.79	0.1118	1.21	0.0754
Maximum	2.80	0.1749	1.96	0.1228
Average	2.37	0.1484	1.68	0.1047

SFM-125-02-S-D-A	After Thermal			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	1.57	0.0984	0.95	0.0593
Maximum	2.34	0.1464	1.37	0.0858
Average	1.94	0.1210	1.17	0.0733

SFM-125-02-S-D-A	After Humidity			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	2.18	0.1365	1.90	0.1187
Maximum	3.93	0.2456	2.58	0.1613
Average	2.67	0.1666	2.16	0.1351



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

**ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:**

SFM-125-L2-S-D-A	Initial			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	1.22	0.07642	0.73	0.04582
Maximum	1.64	0.10220	1.31	0.08185
Average	1.39	0.08712	1.01	0.06285

SFM-125-L2-S-D-A	After Thermal			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	0.80	0.0499	0.61	0.0379
Maximum	1.76	0.1103	1.10	0.0689
Average	1.33	0.0834	0.82	0.0511

SFM-125-L2-S-D-A	After Humidity			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	1.56	0.0973	1.29	0.0808
Maximum	1.92	0.1199	1.86	0.1160
Average	1.72	0.1077	1.50	0.0940



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

**ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:**

SFM-125-T2-S-D-A	Initial			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	1.84	0.1150	1.01	0.0634
Maximum	2.66	0.1660	2.39	0.1493
Average	2.10	0.1312	1.54	0.0961

SFM-125-T2-S-D-A	After Thermal			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	0.36	0.0228	0.36	0.0225
Maximum	1.02	0.0639	0.57	0.0357
Average	0.79	0.0491	0.48	0.0298

SFM-125-T2-S-D-A	After Humidity			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
Minimum	1.06	0.0662	0.76	0.0475
Maximum	2.33	0.1458	1.57	0.0983
Average	1.62	0.1013	1.21	0.0758



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

DATA

NORMAL FORCE (FOR CONTACTS TESTED OUTSIDE THE HOUSING):

Test Date:	1/8/2002
Operator:	GL
Temperature:	24
Humidity:	20%
Equipment Code Number	19
Load Cell Code Number	9

Contact Description	SFM-125-02-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

	Nominal	Minimum	Maximum
Contact Design Deflection:	0.003	NA	NA
Contact Design Force at Deflection:	NA	NA	NA
Contact Height Spec:	NA	NA	NA

Deflections in inches, Forces in Grams

	N.F.@	N.F.@	N.F.@	N.F.@	N.F.@
Sample #	0.0010	0.0015	0.0020	0.0025	0.0030
1	18.87	33.91	46.57	56.12	66.63
2*	13.96	24.61	38.31	51.76	65.72
3	14.33	24.60	36.30	47.76	65.43
4	12.96	24.66	36.99	51.40	63.52
5	13.58	24.66	35.51	48.69	58.30

* Only contact #2 had permanent set approximately 0.0003 when deflected 0.003.



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

NORMAL FORCE (FOR CONTACTS TESTED OUTSIDE THE HOUSING) continued:

Test Date:	1/8/2002
Operator:	GL
Temperature:	24
Humidity:	20%
Equipment Code Number	19
Load Cell Code Number	9

Contact Description	SFM-125-L2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

	Nominal	Minimum	Maximum
Contact Design Deflection:	0.003	NA	NA
Contact Design Force at Deflection:	NA	NA	NA
Contact Height Spec:	NA	NA	NA

Deflections in inches, Forces in Grams

Board/Sample #	N.F.@				
	0.0010	0.0015	0.0020	0.0025	0.0030
1	10.57	18.27	25.79	33.67	41.37
2	10.57	17.19	25.25	32.96	41.73
3	11.82	20.42	28.84	37.97	45.13
4	8.96	16.48	24.72	33.67	42.81
5*	11.45	19.79	27.36	34.73	42.30

* Only contact #5 had permanent set approximately 0.0002 when deflected 0.003.



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

NORMAL FORCE (FOR CONTACTS TESTED OUTSIDE THE HOUSING) continued:

Test Date:	1/8/2002
Operator:	GL
Temperature:	24
Humidity:	20%
Equipment Code Number	19
Load Cell Code Number	9

Contact Description	SFM-125-T2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

	Nominal	Minimum	Maximum
Contact Design Deflection:	0.003	NA	NA
Contact Design Force at Deflection:	NA	NA	NA
Contact Height Spec:	NA	NA	NA

Deflections in inches, Forces in Grams

Board/Sample #	N.F.@				
	0.0010	0.0015	0.0020	0.0025	0.0030
1	11.82	20.06	28.66	37.43	42.27
2	9.67	16.84	24.36	32.06	40.48
3	10.93	18.99	28.12	37.07	46.57
4	11.00	18.55	26.60	34.97	42.52
5	10.93	18.27	25.97	33.49	40.66

Average permanent set approximately 0.0003 when deflected 0.003.



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

MATING/UNMATING:

Test Date:	1/3/2001
Operator:	TC
Temperature (C):	21
Humidity (RH):	25%
Equipment Code Number	18
Load Cell Code Number	52
Readout Code Number	2
Contact Description	SFM-125-02-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

Initial

Sample#	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	177.28	11.08	145.28	9.08
2	169.60	10.60	129.28	8.08
3	180.80	11.30	146.24	9.14

Test Date:	2/4/2002
Operator:	TC
Temperature (C):	21
Humidity (RH):	33%
Equipment Code Number	18
Load Cell Code Number	52
Readout Code Number	2
Contact Description	SFM-125-02-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

After Thermal

Sample#	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	99.20	6.20	91.84	5.74
2	92.16	5.76	77.76	4.86
3	95.68	5.98	84.48	5.28



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

MATING/UNMATING continued:

Test Date:	2/22/2002
Operator:	TC
Temperature (C):	23
Humidity (RH):	31%
Equipment Code Number	18
Load Cell Code Number	52
Readout Code Number	2
SFM-125-02-S-D-A	
Contact Used In:	SFM
Contact Mates With:	TFM

After Humidity

Sample#	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	100.16	6.26	91.84	5.74
2	98.24	6.14	86.40	5.40
3	103.68	6.48	94.08	5.88

Test Date:	1/3/2001
Operator:	TC
Temperature (C):	21
Humidity (RH):	25%
Equipment Code Number	18
Load Cell Code Number	52
Readout Code Number	2
Contact Description	SFM-125-L2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

Initial

Sample#	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	153.92	9.62	126.72	7.92
2	150.72	9.42	133.76	8.36
3	149.76	9.36	127.68	7.98



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

MATING/UNMATING continued:

Test Date:	2/4/2002
Operator:	TC
Temperature (C):	22
Humidity (RH):	27%
Equipment Code Number	18
Load Cell Code Number	52
Readout Code Number	2
SFM-125-L2-S-D-A	
Contact Used In:	SFM
Contact Mates With:	TFM

After Thermal

Sample#	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	77.12	4.82	69.12	4.32
2	93.12	5.82	79.04	4.94
3	77.76	4.86	68.16	4.26

Test Date:	2/22/2002
Operator:	TC
Temperature (C):	22
Humidity (RH):	27%
Equipment Code Number	18
Load Cell Code Number	52
Readout Code Number	2
SFM-125-L2-S-D-A	
Contact Used In:	SFM
Contact Mates With:	TFM

After Humidity

Sample#	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	80.00	5.00	68.48	4.28
2	123.52	7.72	90.24	5.64
3	77.76	4.86	76.16	4.76



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

MATING/UNMATING continued:

Test Date:	1/3/2001
Operator:	TC
Temperature (C):	21
Humidity (RH):	25%
Equipment Code Number	18
Load Cell Code Number	52
Readout Code Number	2
Contact Description	SFM-125-T2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

Initial

Sample#	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	116.48	7.28	91.84	5.74
2	111.68	6.98	104	6.50
3	120.96	7.56	101.44	6.34

Test Date:	2/4/2002
Operator:	TC
Temperature (C):	22
Humidity (RH):	27%
Equipment Code Number	18
Load Cell Code Number	52
Readout Code Number	2
Contact Description	SFM-125-T2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

After Thermal

Sample#	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	68.16	4.26	54.72	3.42
2	71.04	4.44	66.24	4.14
3	72.32	4.52	58.56	3.66



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

MATING/UNMATING continued:

Test Date:	2/22/2002
Operator:	TC
Temperature (C):	22
Humidity (RH):	27%
Equipment Code Number	18
Load Cell Code Number	52
Readout Code Number	2
	SFM-125-T2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

After Humidity

Sample#	Mating		Ummating	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	73.28	4.58	73.6	4.60
2	69.12	4.32	67.52	4.22
3	74.24	4.64	73.28	4.58



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING):

Test Date:	1/7/2002
Operator:	TC
Temperature (C):	21
Humidity (RH):	24%
Equipment Code Number	19
Load Cell Code Number	9
Readout Code Number	N/A
Contact Description	SFM-125-02-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

Sample#	Initial			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	2.23	0.1392	1.62	0.1014
2	2.48	0.1547	1.93	0.1204
3	2.30	0.1436	1.73	0.1084
4	2.52	0.1578	1.67	0.1041
5	2.44	0.1524	1.56	0.0974
6	2.13	0.1330	1.81	0.1132
7	2.51	0.1566	1.21	0.0754
8	1.79	0.1118	1.72	0.1076
9	2.80	0.1749	1.55	0.0967
10	2.56	0.1603	1.96	0.1228



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

**ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:**

Test Date:	2/1/2002
Operator:	TC
Temperature (C):	23
Humidity (RH):	44%
Equipment Code Number	19
Load Cell Code Number	9
Readout Code Number	N/A
	SFM-125-02-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

After Thermal

Sample#	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	2.24	0.1399	1.33	0.0831
2	1.88	0.1173	1.30	0.0810
3	1.95	0.1221	0.95	0.0593
4	1.92	0.1200	1.01	0.0631
5	1.85	0.1156	1.09	0.0684
6	1.57	0.0984	1.28	0.0801
7	2.34	0.1464	1.33	0.0833
8	2.29	0.1433	1.37	0.0858
9	1.69	0.1057	1.01	0.0632
10	1.61	0.1009	1.06	0.0663



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:

Test Date:	2/1/2002
Operator:	TC
Temperature (C):	23
Humidity (RH):	44%
Equipment Code Number	19
Load Cell Code Number	9
Readout Code Number	N/A
	SFM-125-02-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

After Humidity				
Sample#	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	2.44	0.1526	2.03	0.1269
2	2.35	0.1470	1.94	0.1213
3	2.56	0.1603	1.90	0.1187
4	2.18	0.1365	2.08	0.1301
5	3.93	0.2456	2.35	0.1470
6	2.69	0.1682	2.58	0.1613
7	2.63	0.1646	2.14	0.1336
8	2.74	0.1712	2.49	0.1557
9	2.29	0.1430	1.96	0.1224
10	2.84	0.1774	2.15	0.1342



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

**ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:**

Test Date:	1/7/2002
Operator:	TC
Temperature (C):	21
Humidity (RH):	24%
Equipment Code Number	19
Load Cell Code Number	9
Readout Code Number	N/A
Contact Description	SFM-125-L2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

Sample#	Initial			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	1.53	0.09546	1.11	0.06956
2	1.35	0.08412	1.06	0.06618
3	1.22	0.07642	0.79	0.04940
4	1.23	0.07680	0.73	0.04582
5	1.38	0.08618	0.97	0.06072
6	1.61	0.10040	0.78	0.04881
7	1.64	0.10220	1.00	0.06254
8	1.35	0.08433	1.12	0.06970
9	1.38	0.08603	1.18	0.07391
10	1.27	0.07922	1.31	0.08185



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

**ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:**

Test Date:	2/1/2002
Operator:	TC
Temperature (C):	23
Humidity (RH):	44%
Equipment Code Number	19
Load Cell Code Number	9
Readout Code Number	N/A
	SFM-125-L2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

After Thermal

Sample#	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	1.66	0.1038	0.98	0.0613
2	1.22	0.0760	0.89	0.0556
3	1.56	0.0976	0.68	0.0426
4	1.19	0.0745	0.91	0.0566
5	1.76	0.1103	1.10	0.0689
6	1.32	0.0828	0.84	0.0526
7	1.47	0.0919	0.74	0.0462
8	1.02	0.0637	0.61	0.0379
9	0.80	0.0499	0.62	0.0387



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:

Test Date:	2/1/2002
Operator:	TC
Temperature (C):	23
Humidity (RH):	44%
Equipment Code Number	19
Load Cell Code Number	9
Readout Code Number	N/A
	SFM-125-L2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

After Humidity				
Sample#	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	1.67	0.1044	1.35	0.0843
2	1.67	0.1044	1.35	0.0843
3	1.83	0.1142	1.29	0.0808
4	1.60	0.0998	1.29	0.0808
5	1.79	0.1121	1.53	0.0956
6	1.56	0.0978	1.60	0.0999
7	1.82	0.1137	1.56	0.0974
8	1.82	0.1137	1.86	0.1160
9	1.92	0.1199	1.47	0.0921
10	1.56	0.0973	1.73	0.1082



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:

Test Date:	1/7/2002
Operator:	TC
Temperature (C):	21
Humidity (RH):	24%
Equipment Code Number	19
Load Cell Code Number	9
Readout Code Number	N/A
Contact Description	SFM-125-T2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

Sample#	Initial			
	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1			1.63	0.1017
2	2.66	0.1660	2.30	0.1437
3	1.93	0.1207	1.21	0.0756
4	1.84	0.1150	1.31	0.0821
5			1.74	0.1090
6			2.39	0.1493
7	2.30	0.1438	1.01	0.0634
8	2.10	0.1314	1.47	0.0922
9	2.02	0.1261	1.05	0.0657
10	1.85	0.1157	1.25	0.0784



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

**ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:**

Test Date:	2/1/2002
Operator:	TC
Temperature (C):	23
Humidity (RH):	44%
Equipment Code Number	19
Load Cell Code Number	9
Readout Code Number	N/A
	SFM-125-T2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

After Thermal

Sample#	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	0.97	0.0607	0.43	0.0268
2	0.96	0.0600	0.46	0.0289
3	0.89	0.0558	0.55	0.0342
4	0.82	0.0515	0.52	0.0322
5	1.02	0.0639	0.54	0.0335
6	0.72	0.0453	0.57	0.0357
7	0.78	0.0485	0.47	0.0292
8	0.70	0.0437	0.42	0.0264
9	0.63	0.0391	0.36	0.0225
10	0.36	0.0228	0.47	0.0292



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

ENGAGEMENT/SEPARATION (FOR CONTACTS TESTED OUT OF THE HOUSING)
continued:

Test Date:	2/1/2002
Operator:	TC
Temperature (C):	23
Humidity (RH):	44%
Equipment Code Number	19
Load Cell Code Number	9
Readout Code Number	N/A
	SFM-125-T2-S-D-A
Contact Used In:	SFM
Contact Mates With:	TFM

After Humidity

Sample#	Engagement		Separation	
	Force (Oz)	Force (Lbs)	Force (Oz)	Force (Lbs)
1	1.82	0.1135	1.10	0.0685
2	1.33	0.0834	1.18	0.0735
3	2.33	0.1458	1.26	0.0790
4	2.07	0.1291	1.45	0.0908
5	2.00	0.1253	1.41	0.0882
6	1.78	0.1113	1.57	0.0983
7	1.17	0.0733	0.76	0.0475
8	1.06	0.0662	0.96	0.0599
9	1.36	0.0849	1.15	0.0716
10	1.28	0.0798	1.29	0.0807



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

EQUIPMENT AND CALIBRATION SCHEDULES

Description: Temperature/Humidity Chart Recorder

Manufacturer: Dickson

Model: THDX

Serial #: 9316255

Accuracy: Temp: +/- 1C; Humidity: +/-2% RH (0 - 60%) +/- 3% RH (61 - 95%).

... Last Cal: 6/15/01, Next Cal: 6/15/02

Description: Chatillon 50 Lb. Remote Load Cell

Manufacturer: Chatillon

Model: Remote Load Cell

Serial #: F31963

Accuracy: +/- .01 Lb.

... Last Cal: 11/26/01, Next Cal: 12/26/01

Description: Test Stand

Manufacturer: Chatillon

Model: TCD-1000

Serial #: 05 23 00 02

Accuracy: Speed Accuracy: +/-5% of max speed; Displacement: +/- .5% or +/- .005, whichever is greater.

... Last Cal: 6/15/01, Next Cal: 6/15/02

Description: Chatillon Remote Load Gage

Manufacturer: Chatillon

Model: DFGRS-R-ND

Serial #: A38240

Accuracy: +/- 0.3% of Full Scale +/- 1 LSC

... Last Cal: 6/14/01, Next Cal: 6/14/02

Description: Test Stand

Manufacturer: Dillon

Model: PCM

Serial #: 280769

Accuracy: Speed Accuracy: +/- 5% of indicated speed; Displacement: +/- 5 micrometers.

... Last Cal: 6/15/01, Next Cal: 6/15/02



Project Number: 41C		Tracking Code: 0152-041C-0584	
Requested by: W. Ouyang		Date: 12/26/01	Product Rev: BD & BJ respectively
Part #: SFM-125-02-S-D-A, SFM-125-L2-S-D-A, SFM-125-T2-S-D-A, TFM-125-02-S-D-A		Lot #: 12/21/01	Tech: T. Cook Eng: J. Tozier
Part description: .050 X .050 Terminal/Socket Strip Assembly			Qty to test: 15
Test Start: 01/03/02	Test Completed: 2/22/02		

Description: 5 N Load Cell

Manufacturer: Dillon

Model: TC2 Load Cell

Serial #: 5370

Accuracy: +/- 0.2% of Full Scale +/- 1 LSC

... Last Cal: 4/26/01, Next Cal: 4/26/02

Description: Cascade Tek Forced Air Oven

Manufacturer: Cascade Tek

Model: TFO-5

Serial #: 0500100

Accuracy: Temp. Stability: +/- .1C/C change in ambient

... Last Cal: 6/14/01, Next Cal: 6/14/02

Description: Temperature/Humidity Chamber

Manufacturer: Thermotron

Model: SM-8-7800

Serial #: 30676

Accuracy: See Manual

... Last Cal: 6/14/01, Next Cal: 6/30/02