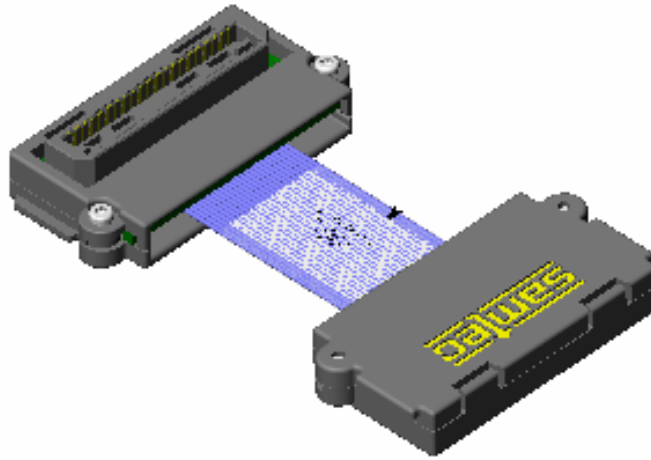




Project Number:		Tracking Code: TC0551--0901		
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005	
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner	Eng: Dave Scopelliti
Part description: HBCD				Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006			



**HBCD-XXX-XX.XX-XXX-XXX-X
DVT Report**



Project Number:		Tracking Code: TC0551--0901	
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner
Part description: HBCD			Eng: Dave Scopelliti
Test Start: 04/12/2006			Qty to test: 80
Test Completed: 8/29/2006			

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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SCOPE

To perform the following tests: CCC, IR/DWV, FLEX, PULL

APPLICABLE DOCUMENTS

Standards: EIA Publication 364

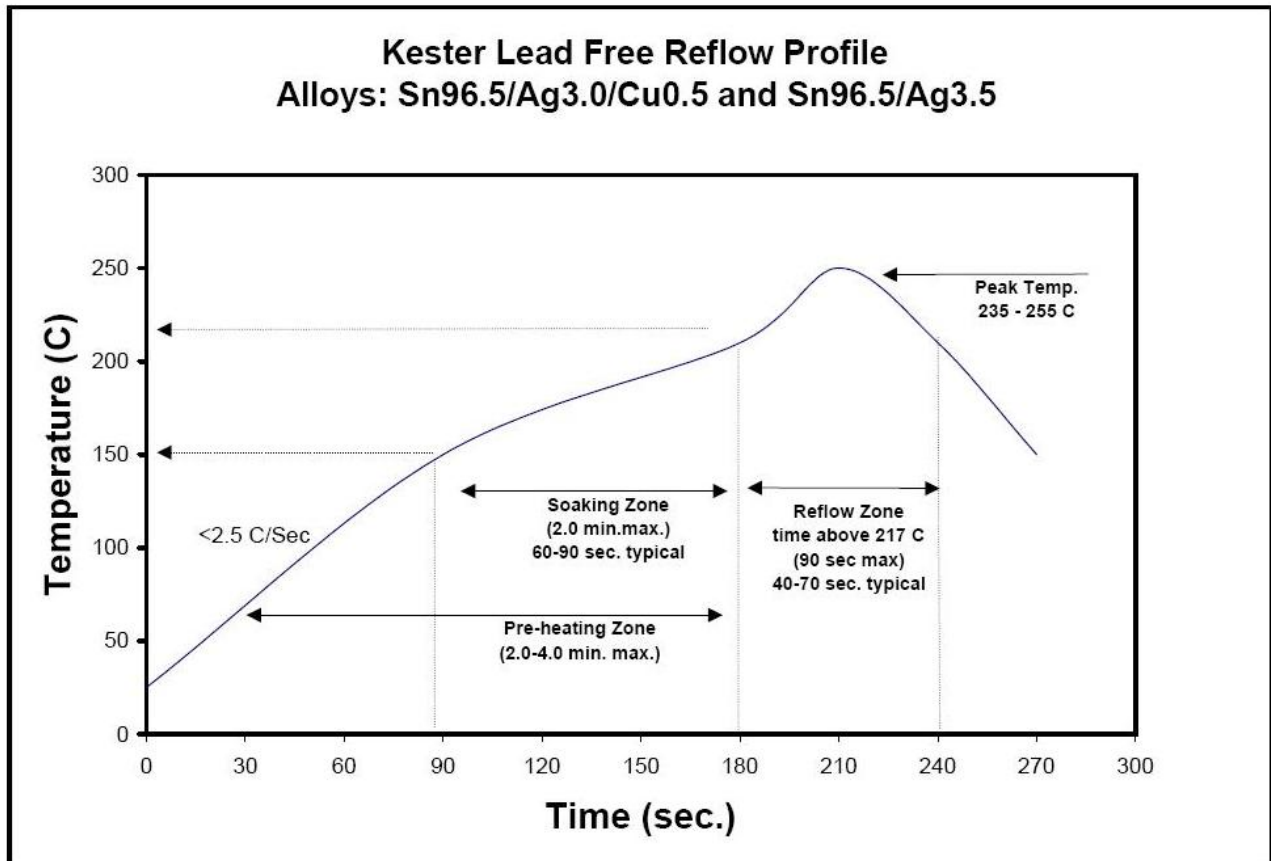
TEST SAMPLES AND PREPARATION

- 1) All materials were manufactured in accordance with the applicable product specification.
- 2) All test samples were identified and encoded to maintain traceability throughout the test sequences.
- 3) After soldering, the parts to be used for LLCR and DWV/IR testing were cleaned according to TLWI-0001.
- 4) Either an automated cleaning procedure or an ultrasonic cleaning procedure may be used.
- 5) The automated procedure is used with aqueous compatible soldering materials.
- 6) Parts not intended for testing LLCR and DWV/IR are visually inspected and cleaned if necessary.
- 7) Any additional preparation will be noted in the individual test sequences.
- 8) Solder Information: Lead Free
- 9) Re-Flow Time/Temp: See accompanying profile.
- 10) Internal Test PCBs used: PCB-100418-TST-XX
- 11) Mating Parts: BSH-050-01-X-D-A



Project Number:		Tracking Code: TC0551--0901	
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner Eng: Dave Scopelliti
Part description: HBCD			Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006		

OVEN PROFILE (Soldering Parts to Test Boards)





Project Number:		Tracking Code: TC0551--0901	
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner Eng: Dave Scopelliti
Part description: HBCD			Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006		

FLOWCHARTS

Current Carrying Capacity

TEST STEP	GROUP 1 1 Cable Powered Cable Center	GROUP 2 Both Cables Powered Cable Center
01	CCC	CCC

Tabulate calculated current at RT, 55° C, 65° C and 70° C
after derating 20% and based on 105° C
CCC, Temp rise = EIA-364-70

IR

TEST STEP	GROUP 1A DV Top & Bottom Cable
01	IR
02	Data Review
03	Thermal Aging
04	IR
05	Data Review
06	Humidity
07	IR

Thermal Aging = EIA-364-17, Test Condition 4, 105 deg C;
Time Condition 'B' (250 hours)

Humidity = EIA-364-31, Test Condition B (240 Hours)
and Method III (+25° C to +65° C @ 90%RH to 98% RH)
delete steps 7a and 7b



Project Number:		Tracking Code: TC0551--0901	
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner Eng: Dave Scopelliti
Part description: HBCD			Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006		

FLOWCHARTS Continued

DWV

TEST STEP	GROUP 1A Top & Bottom Cable Ambient	GROUP 1B Top & Bottom Cable Thermal	GROUP 1C Top & Bottom Cable Humidity
01	DWV/Working Voltage	Thermal Aging	Humidity
02		DWV/Working Voltage	DWV/Working Voltage

Thermal Aging = EIA-364-17, Test Condition 4, 105 deg C;
Time Condition 'B' (250 hours)

Humidity =EIA-364-31, Test Condition B (240 Hours)
and Method III (+25 ° C to +65 ° C @ 90%RH to 98% RH)
delete steps 7a and 7b

Connector Pull

TEST STEP	GROUP 1A	GROUP 1B
	DV	DV
	GND 0°	GND 90°
01	Pull test, Continuity	Pull test, Continuity

Secure both cables in the center
Monitor continuity and pull
record forces when continuity fails.



Project Number:		Tracking Code: TC0551--0901	
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Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner Eng: Dave Scopelliti
Part description: HBCD			Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006		

FLOWCHARTS Continued

Resistance, Snaked for 2-Wire Resistance

TEST STEP	<u>Flex Mode</u>	<u>Pendulum Mode</u>
	GROUP 1 DV	GROUP 2 DV
	GND, ±90° Bend Shroud	GND, ±35° Bend Shroud
01	Resistance	Resistance
02	5000 Cycles	5000 Cycles
03	Data Review	Data Review
04	Resistance	Resistance
05	10000 Cycles	10000 Cycles
06	Data Review	Data Review
07	Resistance	Resistance
08	15000 Cycles	15000 Cycles
09	Data Review	Data Review
10	Resistance	Resistance
11	20000 Cycles	20000 Cycles
12	Data Review	Data Review
13	Resistance	Resistance
14	25000 Cycles	25000 Cycles
15	Resistance	Resistance

Cycling with 8 oz. cable loading at 1500 to 3000 /Hour
25 to 50 per minute



Project Number:		Tracking Code: TC0551--0901	
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner
Part description: HBCD			Eng: Dave Scopelliti
Test Start: 04/12/2006			Qty to test: 80
Test Completed: 8/29/2006			

ATTRIBUTE DEFINITIONS

The following is a brief, simplified description of attributes.

THERMAL:

- 1) EIA-364-17, *Temperature Life with or without Electrical Load Test Procedure for Electrical Connectors*.
- 2) Test Condition 4 at 105° C.
- 3) Test Time Condition B for 250 hours.
- 4) Connectors are sometimes mated and all samples are pre-conditioned at ambient.

HUMIDITY:

- 1) Reference document: EIA-364-31, *Humidity Test Procedure for Electrical Connectors*.
- 2) Test Condition B, 240 Hours.
- 3) Method III, +25° C to + 65° C, 90% to 98% Relative Humidity excluding sub-cycles 7a and 7b.
- 4) Connectors are sometimes mated and all samples are pre-conditioned at ambient.

TEMPERATURE RISE (Current Carrying Capacity, CCC):

- 1) EIA-364-70, *Temperature Rise versus Current Test Procedure for Electrical Connectors and Sockets*.
- 2) When current passes through a contact, the temperature of the contact increases as a result of I^2R (resistive) heating.
- 3) The number of contacts being investigated plays a significant part in power dissipation and therefore temperature rise.
- 4) The size of the temperature probe can affect the measured temperature.
- 5) Copper traces on PC boards will contribute to temperature rise:
 - a. Self heating (resistive)
 - b. Reduction in heat sink capacity affecting the heated contacts
- 6) A de-rating curve, usually 20%, is calculated.
- 7) Calculated de-rated currents at three temperature points are reported:
 - a. Ambient
 - b. 55° C
 - c. 65° C
 - d. 70° C
- 8) Typically, neighboring contacts (in close proximity to maximize heat build up) are energized.
- 9) The thermocouple (or temperature measuring probe) will be positioned at a location to sense the maximum temperature in the vicinity of the heat generation area.
- 10) A computer program, *TR 803.exe*, ensures accurate stability for data acquisition.
- 11) Hook-up wire cross section is larger than the cross section of any connector leads/PC board traces, jumpers, etc.
- 12) Hook-up wire length is longer than the minimum specified in the referencing standard.



Project Number:		Tracking Code: TC0551--0901	
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner
Part description: HBCD			Eng: Dave Scopelliti
Test Start: 04/12/2006			Qty to test: 80
Test Completed: 8/29/2006			

INSULATION RESISTANCE (IR):

To determine the resistance of insulation materials to leakage of current through or on the surface of these materials when a DC potential is applied.

- 1) PROCEDURE:
 - a. Reference document: EIA-364-21, *Insulation Resistance Test Procedure for Electrical Connectors*.
 - b. Test Conditions:
 - i. Between Adjacent Contacts
 - ii. Electrification Time 2.0 minutes
 - iii. Test Voltage (500 VDC) corresponds to calibration settings for measuring resistances.
- 2) MEASUREMENTS:
- 3) When the specified test voltage is applied (VDC), the insulation resistance shall not be less than 5000 megohms.

DIELECTRIC WITHSTANDING VOLTAGE (DWV):

To determine if the sockets can operate at its rated voltage and withstand momentary over potentials due to switching, surges, and other similar phenomenon. Separate samples are used to evaluate the effect of environmental stresses so not to influence the readings from arcing that occurs during the measurement process.

- 1) PROCEDURE:
 - a. Reference document: EIA-364-20, *Withstanding Voltage Test Procedure for Electrical Connectors*.
 - b. Test Conditions:
 - i. Between Adjacent Contacts
 - ii. Rate of Application 500 V/Sec
 - iii. Test Voltage (VAC) until breakdown occurs
- 2) MEASUREMENTS/CALCULATIONS
 - a. The breakdown voltage shall be measured and recorded.
 - b. The dielectric withstanding voltage shall be recorded as 75% of the minimum breakdown voltage.
 - c. The working voltage shall be recorded as one-third (1/3) of the dielectric withstanding voltage (one-fourth of the breakdown voltage).

SUPPLEMENTAL TESTS

CONNECTOR PULL:

- 1) Secure cable near center and pull on connector
 - a. At 90°, right angle to cable
 - b. At 0°, in-line with cable



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Part description: HBCD			Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006		

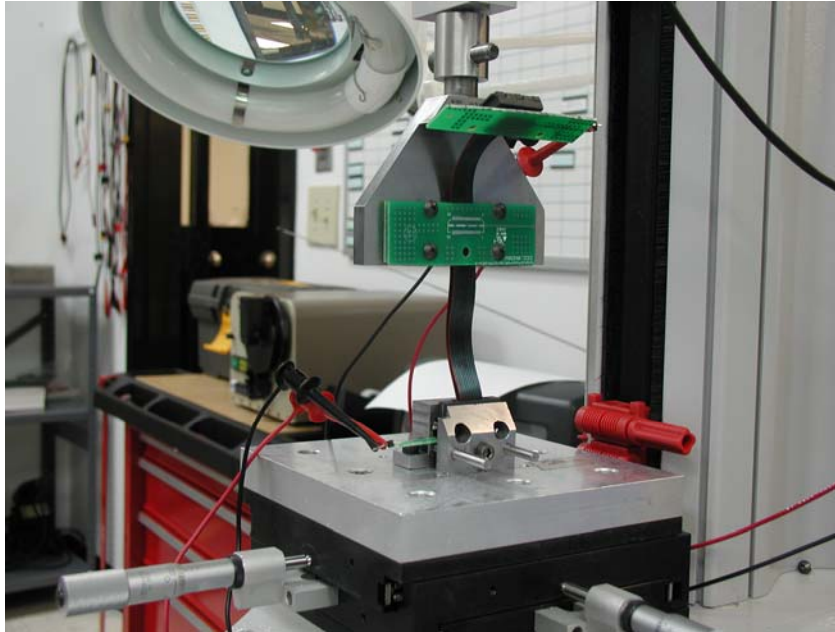


Fig. 1
(Typical set-up, actual part not depicted.)
0° Connector pull, notice the electrical continuity hook-up wires.

CABLE DURABILITY:

- 1) Oscillate and monitor electrical continuity for open circuit indication.
 - a. $\pm 35^\circ$ Pendulum Mode, bend up to 25,000 cycles with 8 oz. load on cable end.

Project Number:		Tracking Code: TC0551--0901	
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Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner Eng: Dave Scopelliti
Part description: HBCD			Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006		

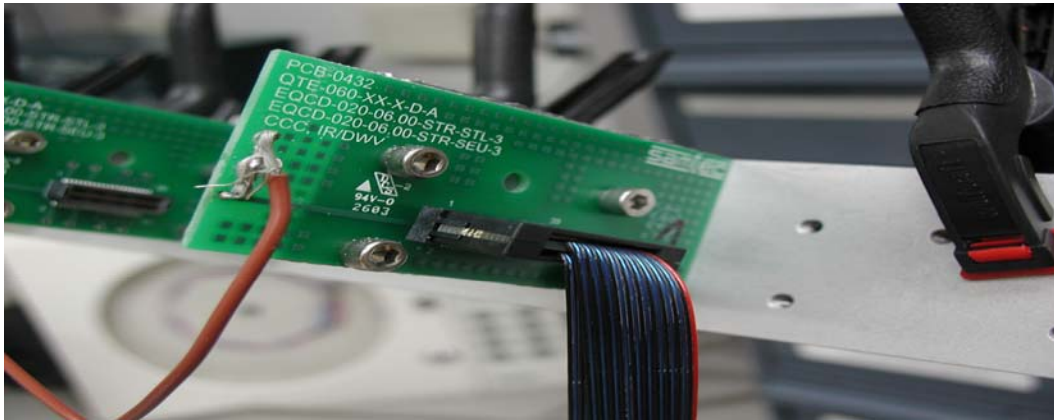


Fig. 2
(Typical set-up, actual part not depicted.)

b. $\pm 90^\circ$ Flex Mode, bend up to 25,000 cycles with 8 oz. load on cable end.

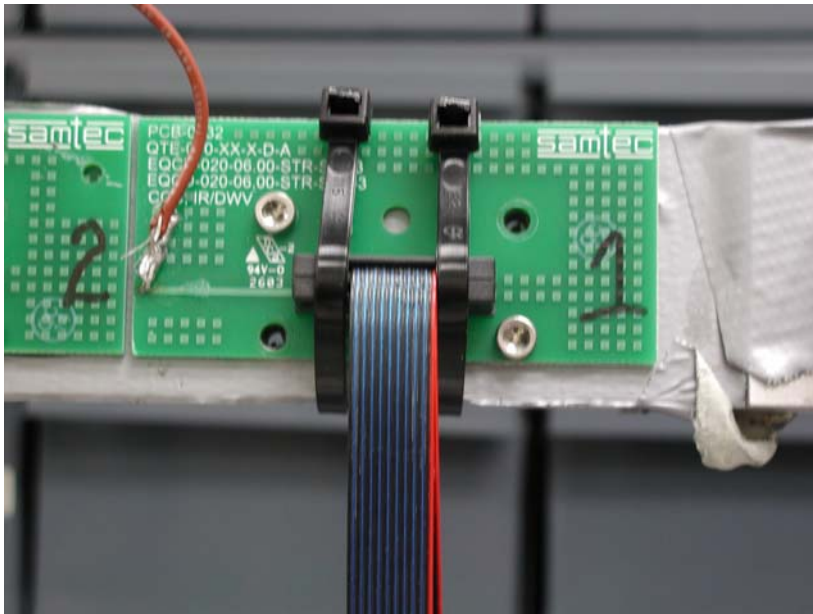


Fig. 3
(Typical set-up, actual part not depicted.)



Project Number:		Tracking Code: TC0551--0901	
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner Eng: Dave Scopelliti
Part description: HBCD			Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006		

RESULTS

Temperature Rise, CCC at a 20% de-rating

- CCC for a 30°C Temperature Rise (1 Cable)-----0.64 A per contact with 6 adjacent contacts powered
- CCC for a 30°C Temperature Rise (2 Cables) -----0.42 A per contact with 6 adjacent contacts powered

Insulation Resistance minimums, IR

- Initial
 - Top Cable----- 10,000 Meg Ω ----- Pass
 - Bottom Cable ----- 50,000 Meg Ω
- Thermal
 - Top Cable-----100,000 Meg Ω
 - Bottom Cable -----100,000 Meg Ω
- Humidity
 - Top Cable-----100,000 Meg Ω
 - Bottom Cable -----100,000 Meg Ω

Dielectric Withstanding Voltage minimums, DWV

- Initial
 - Breakdown
 - Top Cable-----680 VAC
 - Bottom Cable-----960 VAC
 - DWV
 - Top Cable-----510 VAC
 - Unmated-----720 VAC
 - Working voltage
 - Top Cable-----170 VAC
 - Bottom Cable-----240 VAC
- Thermal
 - Breakdown
 - Top Cable-----740 VAC
 - Bottom Cable-----720 VAC
 - DWV
 - Top Cable-----555 VAC
 - Unmated-----540 VAC
 - Working voltage
 - Top Cable-----185 VAC
 - Bottom Cable-----180 VAC
- Humidity
 - Breakdown
 - Top Cable-----980 VAC



Project Number:		Tracking Code: TC0551--0901	
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Part description: HBCD			Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006		

- DWV
 - Bottom Cable-----1,000 VAC
 - Top Cable -----735 VAC
 - Bottom Cable-----750 VAC
- Working voltage
 - Top Cable -----245 VAC
 - Bottom Cable-----250 VAC

SUPPLEMENTAL TESTING

Supplemental – Connector/Cable Pull

- 0°----- 41.06 lbs min
- 90°----- 41.09 lbs min

Supplemental – Cable Bend 25,000 Cycles

- ±35° Pendulum Mode ----- No Electrical Failures
- ±90° Flex Mode----- Minimum # of 1,664 Cycles to Failure.

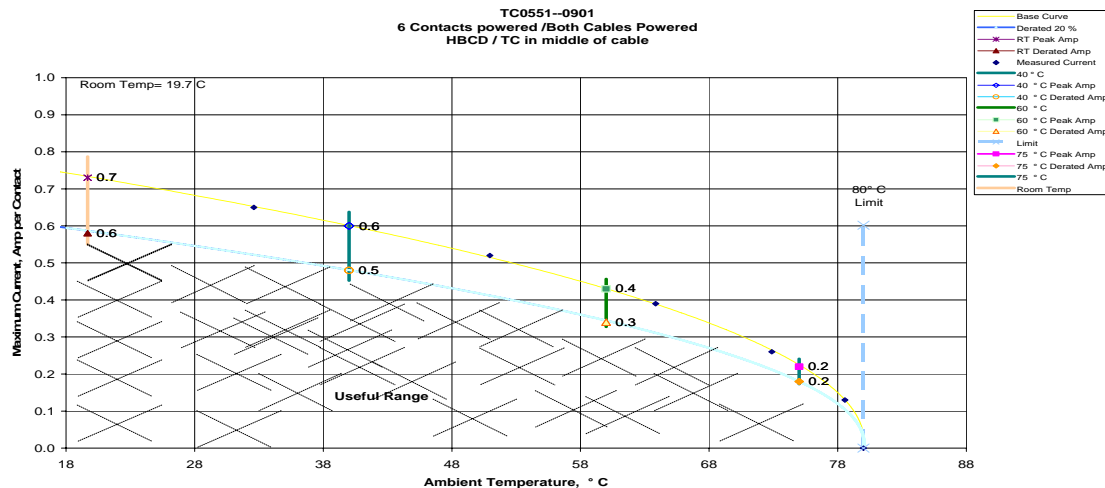
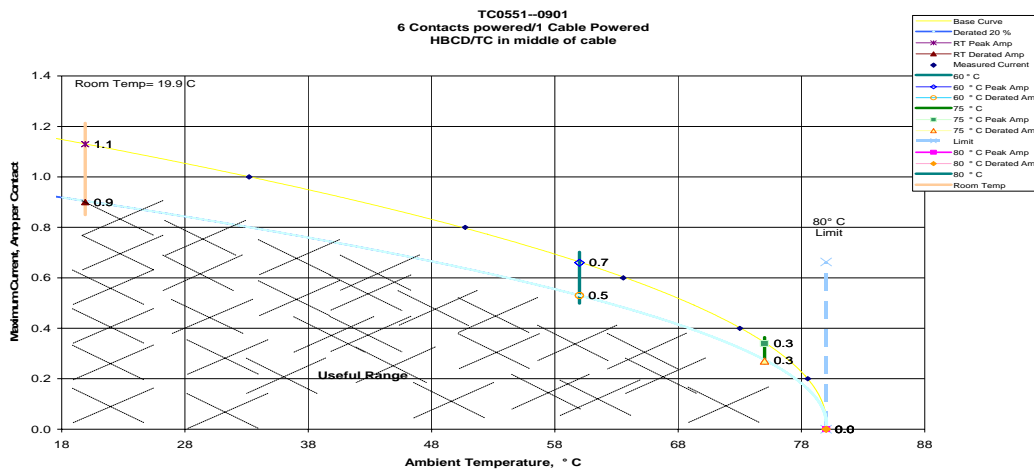


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Part description: HBCD					Eng: Dave Scopelliti
Test Start: 04/12/2006					Qty to test: 80
Test Completed: 8/29/2006					

DATA SUMMARIES

TEMPERATURE RISE (Current Carrying Capacity, CCC):

- 1) High quality thermocouples whose temperature slopes track one another were used for temperature monitoring.
- 2) The thermocouples were placed at a location to sense the maximum temperature generated during testing.
- 3) Temperature readings recorded are those for which three successive readings, 15 minutes apart, differ less than 1° C (computer controlled data acquisition).
- 4) Adjacent contacts were powered:
 - a. Linear configuration with SIX adjacent conductors/contacts powered





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Part description: HBCD					Qty to test: 80
Test Start: 04/12/2006		Test Completed: 8/29/2006			

DATA SUMMARIES Continued

INSULATION RESISTANCE (IR):

	Initial, Meg Ohms		Thermal, Meg Ohms		Humidity, Meg Ohms	
	Top	Bottom	Top	Bottom	Top	Bottom
	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>
Average	45000	66667	100000	100000	100000	100000
Min	10000	50000	100000	100000	100000	100000
Max	100000	100000	100000	100000	100000	100000

DIELECTRIC WITHSTANDING VOLTAGE (DWV):

	Initial, VAC TOP			Initial, VAC Bottom		
	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>
Average	887	665	222	953	715	238
Min	680	510	170	720	540	180
Max	1100	825	275	1100	825	275

	Thermal, VAC TOP			Thermal, VAC Bottom		
	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>
Average	920	690	230	850	638	213
Min	740	555	185	720	540	180
Max	1100	825	275	980	735	245

	Humidity, VAC TOP			Humidity, VAC Bottom		
	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>
Average	990	743	248	1050	788	263
Min	980	735	245	1000	750	250
Max	1000	750	250	1100	825	275



Project Number:		Tracking Code: TC0551--0901			
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005		
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner	Eng: Dave Scopelliti	
Part description: HBCD					Qty to test: 80
Test Start: 04/12/2006		Test Completed: 8/29/2006			

DATA SUMMARIES Continued

SUPPLEMENTAL – CONNECTOR/CABLE PULL

	90 Deg. Pull		0 Deg. Pull
	Force (Lbs)		Force (Lbs)
Minimum	41.09	Minimum	41.06
Maximum	66.48	Maximum	120.33
Average	56.1	Average	93.2

SUPPLEMENTAL – CABLE BEND 25,000 CYCLES

a. 35 Deg. Pendulum

	Initial	5000Cycles	10000 Cycles	15000 Cycles	20000 Cycles	25000 Cycles
Avg	21.0250	20.9000	20.9950	20.9575	20.9950	21.0275
Min	20.0500	19.8700	20.0000	19.9700	20.0100	20.0000
Max	22.0500	21.8600	22.0500	21.9900	22.0300	22.0500
St. Dev.	1.1266	1.0614	1.1388	1.1296	1.1269	1.1137
Count	4	4	4	4	4	4

b. 90 Deg. Flex

	Initial	5000Cycles	10000 Cycles	15000 Cycles	20000 Cycles	25000 Cycles
Avg	21.0414	21.8700	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Min	19.9470	21.8700	0.0000	0.0000	0.0000	0.0000
Max	21.8700	21.8700	0.0000	0.0000	0.0000	0.0000
St. Dev.	0.9920	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Count	5	1	0	0	0	0



Project Number:		Tracking Code: TC0551--0901			
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Part description: HBCD					Eng: Dave Scopelliti
Test Start: 04/12/2006					Qty to test: 80
Test Completed: 8/29/2006					

DATA

INSULATION RESISTANCE (IR):

Sample #	Initial, Meg Ohms		Thermal, Meg Ohms		Humidity, Meg Ohms	
	Top	Bottom	Top	Bottom	Top	Bottom
	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>	<u>Insulation Resistance</u>
1	10000	50000	100000	100000	100000	100000
2	25000	50000	100000	100000	100000	100000
3	100000	100000	100000	100000	100000	100000

DIELECTRIC WITHSTANDING VOLTAGE (DWV):

	Initial, VAC TOP			Initial, VAC Bottom		
	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>
Average	887	665	222	953	715	238
Min	680	510	170	720	540	180
Max	1100	825	275	1100	825	275

	Thermal, VAC TOP			Thermal, VAC Bottom		
	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>
Average	920	690	230	850	638	213
Min	740	555	185	720	540	180
Max	1100	825	275	980	735	245

	Humidity, VAC TOP			Humidity, VAC Bottom		
	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>	<u>Breakdown Voltage</u>	<u>DWV</u>	<u>Working Voltage</u>
Average	990	743	248	1050	788	263
Min	980	735	245	1000	750	250
Max	1000	750	250	1100	825	275



Project Number:		Tracking Code: TC0551--0901			
Requested by: John Reid		Date: 12/16/2005		Product Rev: 12/16/2005	
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Test Start: 04/12/2006					Qty to test: 80
Test Completed: 8/29/2006					

SUPPLEMENTAL – CONNECTOR/CABLE PULL

	90 Deg. Pull
Sample#	Force (Lbs)
1	41.09
2	62.47
3	66.48
4	53.65
5	56.78

	0 Deg. Pull
Sample#	Force (Lbs)
1	120.33
2	41.06
3	90.14
4	114.23
5	100.01

DATA (Continued)

SUPPLEMENTAL – CABLE BEND 25,000 CYCLES

a. 35 Deg. Pendulum

Cable	Resistance, Ohms					
	Initial	5000Cycles	10000 Cycles	15000 Cycles	20000 Cycles	25000 Cycles
1	21.95	21.77	21.91	21.88	21.91	21.93
2	20.05	20.10	20.02	19.99	20.03	20.13
3	20.05	19.87	20.00	19.97	20.01	20.00
4	22.05	21.86	22.05	21.99	22.03	22.05

b. 90 Deg. Flex

Cable	Resistance, Ohms					
	Initial	5000Cycles	10000 Cycles	15000 Cycles	20000 Cycles	25000 Cycles
1	21.87	Failed at 2941 Cycles				
2	19.95	Failed at 2602 Cycles				
3	19.97	Failed at 3015 Cycles				
4	21.64	21.87	Failed at 5002 Cycles			
5	21.78	Failed at 1664 Cycles				



Project Number:		Tracking Code: TC0551--0901	
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Part description: HBCD			Qty to test: 80
Test Start: 04/12/2006	Test Completed: 8/29/2006		

EQUIPMENT AND CALIBRATION SCHEDULES

Equipment #: THL-02

Description: Temperature/Humidity Chart Recorder

Manufacturer: Dickson

Model: THDX

Serial #: 00120351

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

... Last Cal: 06/16/05, Next Cal: 06/16/06

Equipment #: THC-01

Description: Temperature/Humidity Chamber

Manufacturer: Thermotron

Model: SM-8-7800

Serial #: 30676

Accuracy: See Manual

... Last Cal: 8/18/2006, Next Cal: 8/18/2007

Equipment #: MO-04

Description: Multimeter /Data Acquisition System

Manufacturer: Keithley

Model: 2700

Serial #: 0798688

Accuracy: See Manual

... Last Cal: 01/31/06, Next Cal: 01/31/07

Equipment #: PS-01

Description: System Power Supply

Manufacturer: Hewlett Packard

Model: HP 6033A

Serial #: (HP) 3329A-07330

Accuracy: See Manual

... Last Cal: 05/12/06, Next Cal: 05/12/07

Equipment #: TC090601-103/105

Description: IC Thermocouple-103/105

Manufacturer: Samtec

Model:

Serial #: TC090601-103/105

Accuracy: +/- 1 degree C

... Last Cal: , Next Cal:



Project Number:		Tracking Code: TC0551--0901	
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner
Part description: HBCD			Eng: Dave Scopelliti
Test Start: 04/12/2006			Qty to test: 80
Test Completed: 8/29/2006			

Equipment #: HPM-01
Description: Hipot Megommeter
Manufacturer: Hipotronics
Model: H306B-A
Serial #: M9905004
Accuracy: 2 % Full Scale Accuracy
... Last Cal: 5/12/06, Next Cal: 05/12/07

Equipment #: OV-03
Description: Cascade Tek Forced Air Oven
Manufacturer: Cascade Tek
Model: TFO-5
Serial #: 0500100
Accuracy: Temp. Stability: +/- .1C/C change in ambient Temp. Stability: +/- .1C/C change in ambient
... Last Cal: 05/12/06, Next Cal: 05/12/07

Equipment #: THC-01
Description: Temperature/Humidity Chamber
Manufacturer: Thermotron
Model: SM-8-7800
Serial #: 30676
Accuracy: See Manual
... Last Cal: 8/18/2006, Next Cal: 8/18/2007

Equipment #: TCT-03
Description: Dillon Quantrol TC2 Test Stand
Manufacturer: Dillon Quantrol
Model: TC2
Serial #: 02-1033-03
Accuracy: Speed Accuracy: +/- 5% of indicated speed; Displacement: +/- 5 micrometers.
... Last Cal: 5/12/06, Next Cal: 5/12/07

Equipment #: LC-2500N(icell)
Description: 2500 N Load Cell for Dillon Quantrol
Manufacturer: Dillon Quantrol
Model: icell
Serial #: 01-0132-01
Accuracy: .10% of capacity
... Last Cal: 6/13/06, Next Cal: 6/13/07



Project Number:		Tracking Code: TC0551--0901	
Requested by: John Reid		Date: 12/16/2005	Product Rev: 12/16/2005
Part #: HBCD-050-06.00-TTR-TED-1		Lot #: 12/16/2005	Tech: Troy Cook/Tony Wagoner
Part description: HBCD			Eng: Dave Scopelliti
Test Start: 04/12/2006			Qty to test: 80
Test Completed: 8/29/2006			

Equipment #: HDR - 01
Description: HDR Flex Tester
Manufacturer: Samtec Inc.
Model: AT-1440-000
Serial #: 00120351
Accuracy: N/A
... Last Cal: No Calibration Required, Next Cal:

...

...

Tracking Code: TC0551--0901

Part #: HBCD-050-06.00-TTR-TED-1

Part description: HBCD