SPEC. NO.: PS-55907-XXXXX-XXX REVISION: H PRODUCT NAME: 0.5 mm PITCH USB TYPE C CONN. 549XX, 559XX, 579XX, 318XX, EE96X, CA8XX, 319XX PRODUCT NO: Series ICHECKED

PREPARED:	CHECKED:	APPROVED:
Peng, Wu Chuan	Chang, Chun Te	Kuo, Rong Hsun
DATE: 2020.05.22	DATE: 2020.05.22	DATE: 2020.05.22

	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020 05 22	REVISION: H	FCN No: FCN-2005442	PAGE: 2 OF 24

1. REVISION HISTORY	3
2. SCOPE	
3. APPLICABLE DOCUMENTS	4
4. REQUIREMENT	4
5. PERFORMANCE	5
6. PRIMARY QUALIFICATION APPROVAL TESTING	10
7. GROUP TEST METHOD	13
8. INFRARED REFLOW CONDITION	24

Page 2 2010/10/31 TR-FM-73015L

	Aces P/N	: 55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 3 OF 24

1 Revision History

Rev.	ECN#	Revision Description	Prepared	Date
1	ECN-1404374	New product specification	Jerry	2015.01.09
2	ECN-1507364	USB Type C 1.1 SPEC UPDATE	Jerry	2015.07.21
3	ECN-1509145	According to USB Connector and Cable assembly Compliance Document – Revision 1.0RC update.	Ray	2015.09.15
4	ECN-1512378	Modify Mixed flowing gas test time.	Ray	2015.12.24
0	ECN-1603243	Final product specification	Jason	2016.03.17
Α	ECN-1701147	Add New Part Number	Jerry	2017.03.02
В	ECN-1706342	Add 55918 Number	zhouquan	2017.06.26
С	ECN-1707210	Add 57996 Series	Liuhua	2017.07.14
D	ECN-1711233	Add 55949,55995,55999,57988,57991,31893 Series	Jerry	2017.11.28
E	ECN-1808030	Add 57999,31831,31861,31862,31895,31896 Series	Jerry	2018.07.16
F	ECN-1907310	Add 559XX,579XX,318XX Series	Hsu,Wei Chun	2019.07.12
G	ECN-1911109	ADD EE96X,CA8XX Series	Liuhua	2019.11.07
Н	ECN2005442	ADD 319XX Series	Peng Wu Chuan	2020.05.22

Page 3 2010/10/31 TR-FM-73015L

	Aces P/N	55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 4 OF 24

2 SCOPE

This specification covers performance, tests and quality requirements for 0.5mm pitch USB Type C connector.

Aces' P/N: Receptacle: 54926, 55907, 55910, 55912, 55914, 55915, 55933, 55939, 55940

55949, 55960, 55966, 55995, 55999, 57988, 57991, 57996, 57999

31831, 31861, 31862, 31893, EE96H, 559XX, 579XX, 318XX,

CA8XX SERIES

Plug: 55918, 55937,55965,31896,559XX,318XX, 319XX SERIES

3 APPLICABLE DOCUMENTS

Universal Serial Bus Type-C Cable and Connector Specification EIA-364 : ELECTRONICS INDUSTRIES ASSOCIATION

4 REQUIREMENTS

4.1 Design and Construction

Product shall be of design, construction and physical dimensions specified on applicable product drawing.

4.2 Materials and Finish

4.2.1 Contact: High performance Copper alloy

Finish: (a) Contact Area: Refer to the drawing.

- (b) Under plate: Refer to the drawing.
- (c) Solder area: Refer to the drawing.
- 4.2.2 Housing: Thermoplastic, High temp. UL94 V-0
- 4.2.3 Shell: Stainless steel
- 4.2.4 Plug Side Latch: Stainless steel
- 4.2.5 Plug EMC Spring: Stainless steel or High performance Copper alloy
- 4.2.6 Receptacle Mid-Plate: Stainless steel
- 4.2.7 Receptacle EMC Pad: Stainless steel or High performance Copper alloy

4.3 Ratings

- 4.3.1 Rated voltage: AC 20 V
- 4.3.2 Current:

A current of 5 A shall be applied collectively to VBUS pins and 1.25 A shall be applied to the VCONN pin as applicable, terminated through the corresponding GND pins. A minimum current of 0.25 A shall also be applied individually to all the other contacts.

4.3.3 Operating Temperature : -40°C to +85°C

Page 4 2010/10/31 TR-FM-73015L

	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 5 OF 24

5 Performance

5.1. ELECTRICAL REQUIREMENTS

ELECTRICAL		
Item	Test Condition	Requirement
Low Level Contact Resistance(LLCR)	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle. Measure at 20 mV (Max) open circuit at 100 mA.	40 m Ω (max) initial for all pin 50 m Ω (max) after initial measurement.
Insulation Resistance	EIA 364-21. Mated and unmated connectors, apply 100 V DC between adjacent terminals. Applicable to both receptacle and plug.	A minimum of 100 $M\Omega$ insulation resistance
Dielectric Withstanding Voltage	EIA-364-20 The dielectric shall withstand 100 VAC (RMS) for one minute at sea level after the environmental stress	No disruptive discharge Current leakage: 1 mA max.
Contact Current Rating	Mate connector: measure the temperature rise at rated current after: A current of 5 A shall be applied collectively to VBUS pins (i.e., pins A4, A9, B4, and B9) and 1.25 A shall be applied to the VCONN pin (i.e., B5) as applicable, terminated through the corresponding GND pins (i.e., pins A1, A12, B1, and B12). A minimum current of 0.25 A shall also be applied individually to all the other contacts The ambient condition is still air at 25° C (EIA-364-70 METHOD 2)	When current is applied to the contacts, the temperature rise shall not exceed 30°C at the outside surface of the shell.

Page 5 2010/10/31 TR-FM-73015L

	Aces P/N: 55907 series	
TITLE: 0.5 MM PITCH USB TYPE C	CONN.	
RELEASE DATE: 2020.05.22 REVISION	I: H ECN No: ECN-2005442	PAGE: 6 OF 24

5.2 MECHANICAL REQUIREMENTS

	MECHANICAL	
Item	Test Condition	Requirement
Insertion Force	EIA 364-13 Mate connector, At a maximum rate of 12.5 mm (0.492") per minute.	Within the range of 5 N to 20 N.
Extraction Force	EIA 364-13 Un-mate connector, At a maximum rate of 12.5mm (0.492") per minute.	Initial: Within the range of 8 N to 20 N. After Test: Within the range of 6 N to 20 N
Durability	The durability rating shall be 10,000 cycles minimum for the USB Type-C connector family. The durability test shall be done at a rate of 500+/-50 cycles per hour and no physical damage to any part of the connector and cable assembly shall occur. (EIA-364-09)	
Durability (preconditioning)	Perform 50 unplug/plug cycles (EIA-364-09)	No physical damage
Vibration	EIA-364-28, test condition VII, test condition letter D,15 minutes in each of 3 mutually perpendicular directions. Both mating halves should be rigidly fixed so as not to contribute to the relative motion of one contact against another.	No evidence of physical damage No discontinuities of 1 μs or longer duration when mated connector during test. Contact resistance : 50 mΩ Max
4-Axis Continuity Test	-The PCB shall be clamped on three sides of the receptacle no further than 5 mm away from the receptacle outline 5 mm ball tipped probe applied the force - Duration: 10 seconds - Direction: four directions (i.e., left, right, up, and down).	No discontinuities greater than 1 microsecond duration in any of the four orientations tested.

Page 6 2010/10/31 TR-FM-73015L

	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 7 OF 24

RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-200)5442	PAGE:	7 OF 24	4
Wrenching Test	- Plug only - Direction: four directions (down). - Duration: 10 seconds	i.e., left, right, up, and	continuity forces have no damage causes discontinuity. No plug discontest force Dielectric No disrup 100VAC(r The plug sthe test fix fail when applied in directions	withstanding tive dischargems) shall disengature or mecha moment of the up and control and a moment in the left and	ed with the fter the tere ied to verified that reshorting. Nm. ort after the voltage: e for ge from nanically 2.0 Nm is lown ent 3.5 Nm	e st fy

Page 7 2010/10/31 TR-FM-73015L

	Aces P/N	: 55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 8 OF 24

5.3 ENVIRONMENTAL REQUIREMENTS

ENVIRONMENTAL							
Item	Test Condition	Requirement					
Temperature life	EIA-364-17, method A 105° C without applied voltage for 120 hours.	No evidence of physical damage. Contact resistance: 50 mΩ Max.					
Temperature life (preconditioning)	EIA-364-17, method A 105° C without applied voltage for 72 hours.	No evidence of physical damage. Contact resistance: 50 mΩ Max.					
Thermal shock	EIA-364-32, test condition I 10 cycles with the exception of exposure times. Place a thermocouple in the center of the largest mass component of the connector that is in the center of the test chamber to insure that the contacts reach the temperature extremes before ramping to the other temperature.	No evidence of physical damage. Contact resistance: 50 mΩ Max.					
Mixed flowing gas	EIA-364-65, class II Condition A Mate connectors, and subject to the mixed flowing gas conditions. 1)expose 1/2 of the specimens unmated for 2/3 of the test duration 2)mate each specimen to the same plug that it was mated to during temperature life (preconditioning); and, 3) expose for the remainder of the test duration. Duration: 7 day	No evidence of physical damage. Contact resistance: 50 mΩ Max.					
Thermal disturbance	Cycle the connector or socket between 15 °C ±3 °C and 85 °C ± 3 °C, as measured on the part. Ramps should be a minimum of 2 °C per minute, and dwell times should insure that the contacts reach the temperature extremes (a minimum of 5 minutes). Humidity is not controlled. Perform 10 such cycles.	Contact resistance: 50 mΩ Max.					

Page 8 2010/10/31 TR-FM-73015L

	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB TYPE	C CONN.		
RELEASE DATE: 2020.05.22 REVISION	N: H	ECN No: ECN-2005442	PAGE: 9 OF 24

Cyclic temperature and humidity		No mechanical damage. Contact resistance: $50 \text{ m}\Omega$ Max. Insulation resistance: $100 \text{ M}\Omega$ min. Dielectric withstanding voltage: No disruptive discharge. Current leakage: $1 \text{ m}\Lambda$ max.
Reseating	Manually unplug/plug the connector. Perform 3 such cycles.	No physical damage

Page 9 2010/10/31 TR-FM-73015L

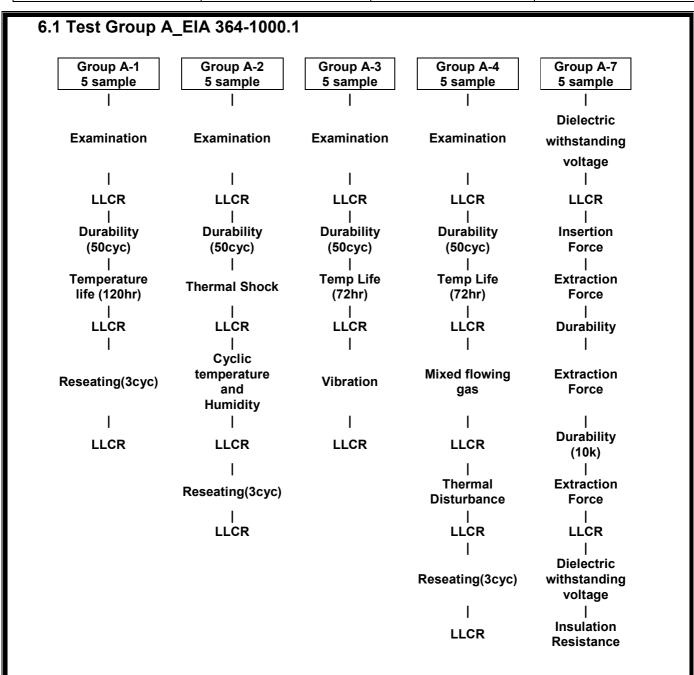
	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB TYPE	C CONN.		
RELEASE DATE: 2020.05.22 REVIS	ON: H	ECN No: ECN-2005442	PAGE: 10 OF 24

6 PRIMARY QUALIFICATION APPROVAL TESTING

Took Crown	Title	Number of Specimens		
Test Group	Title	Receptacle	Plug	
Test Group A	Reliability test EIA 364-1000.01	20pcs	20pcs	
Test Group B-1 Mechanical test		B1-3 only ,8 pcs	B1-3 only ,8 pcs	
Test Group B-5	Critical Dimensions	3	3	
Test Group B-6 Connector Pair Current Rating		3	3	
Test Group B-7 Plug connector Wrenching test		N/A	B7-1 ,3 pcs B7-4 ,12 pcs	

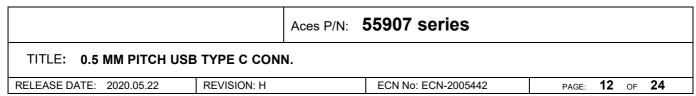
Page 10 2010/10/31 TR-FM-73015L

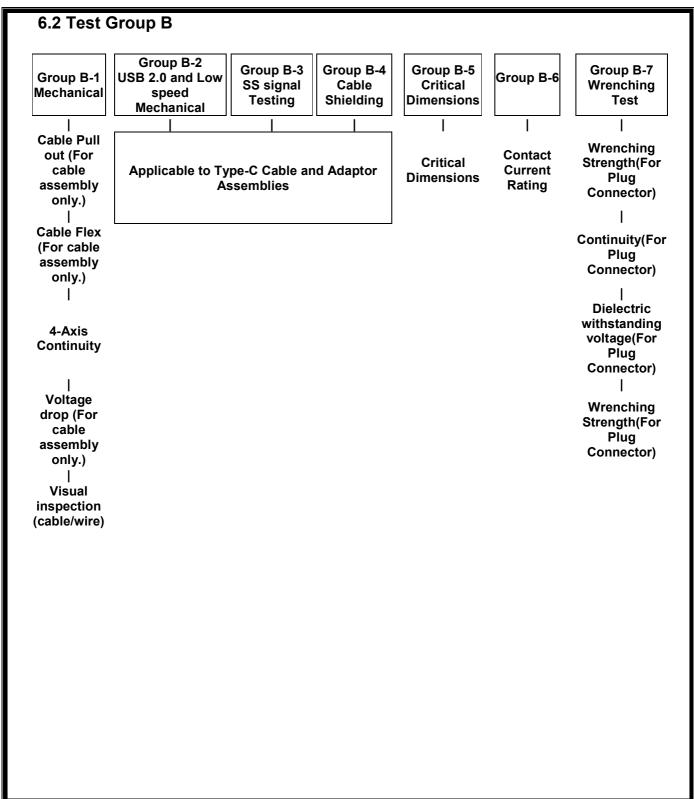
	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB T	YPE C CONN.		
RELEASE DATE: 2020.05.22 R	REVISION: H	ECN No: ECN-2005442	PAGE: 11 OF 24



EIA test groups A-5 and A-6 do not apply to this connector

Page 11 2010/10/31 TR-FM-73015L





Page 12 2010/10/31 TR-FM-73015L

	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB TYPE	C CONN.		
RELEASE DATE: 2020.05.22 REVIS	ION: H	ECN No: ECN-2005442	PAGE: 13 OF 24

7 GROUP TEST METHOD

Test Group A-1 (required for all connectors)

Item	Test	Test procedure	Test criteria
1	Low level contact resistance	The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle. Measure at 20 mV (Max) open circuit at 100 mA. LLCR measurement of pin "A1" Voltmeter terminal PWR supply terminal PWR supply terminal	40 milliohms max for all contacts. Baseline measurement.
2	Durability (preconditioning)	EIA-364-09 Perform 50 unplug/plug cycles.	No evidence of physical damage
3	Temperature life	EIA-364-17, method A 105° C without applied voltage for 120 hours.	None
4	Low level contact resistance	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle.	50 milliohms max.
5	Reseating	Manually unplug/plug the connector or socket. Perform 3 such cycles.	No evidence of physical damage
6	Low level contact resistance	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle.	50 milliohms max.

Page 13 2010/10/31 TR-FM-73015L

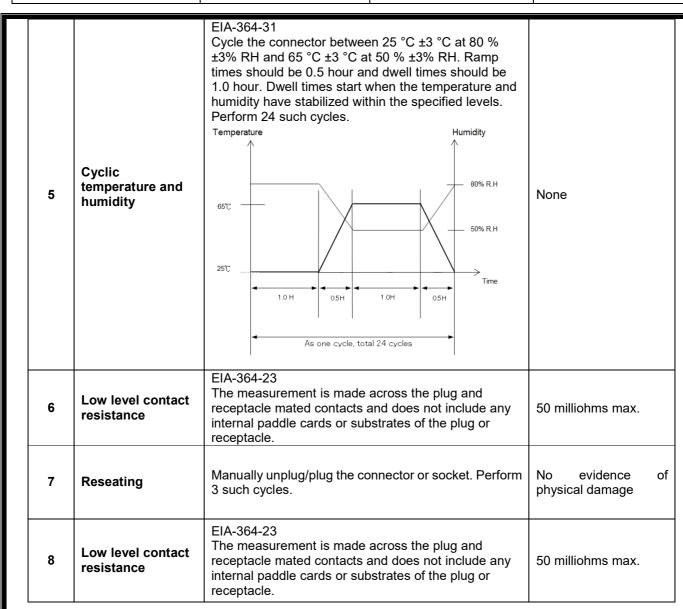
	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB T	YPE C CONN.		
RELEASE DATE: 2020.05.22 R	EVISION: H	ECN No: ECN-2005442	PAGE: 14 OF 24

Test Group A-2 (required for all connectors)

ltem	Test		T	Test criteria		
1	Low level contact resistance	recepta	easurement acle mated o I paddle car	40 milliohms max for all contacts. Baseline measurement.		
2	Durability (preconditioning)	EIA-36 Perforr	4-09 n 50 unplug	No evidence of physical damage		
3	Thermal shock	10 cycl a therm compo- test cha	4-32, test cores with the nocouple in nent of the comber to instature extrementature. Temperature, °C +0 -55 -3 +10 25 -5 +3 85 0 +10 25	None		
4	Low level contact resistance	EIA-36 The me	4-23 easurement acle mated of I paddle car	contacts ar	cross the plug and nd does not include any trates of the plug or	50 milliohms max.

Page 14 2010/10/31 TR-FM-73015L

	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 15 OF 24



Page 15 2010/10/31 TR-FM-73015L

	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 16 OF 24

Test Group A-3 (required for all connectors)

Item	Test	Test procedure	Test criteria
1	Low level contact resistance	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle.	40 milliohms max for all contacts. Baseline measurement.
2	Durability (preconditioning)	EIA-364-09 Perform 50 unplug/plug cycles.	No evidence of physical damage
3	Temperature life (preconditioning)	EIA-364-17, method A 105° C without applied voltage for 72 hours when used as preconditioning.	None
4	Low level contact resistance	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle.	50 milliohms max.
5	Vibration	EIA-364-28, test condition VII, test condition letter D 15 minutes in each of 3 mutually perpendicular directions. Both mating halves should be rigidly fixed so as not to contribute to the relative motion of one contact against another. Value	No evidence of physical damage. No discontinuities of 1 µs or longer duration when mated connector during test.
6	Low level contact resistance	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle.	50 milliohms max.

Page 16 2010/10/31 TR-FM-73015L

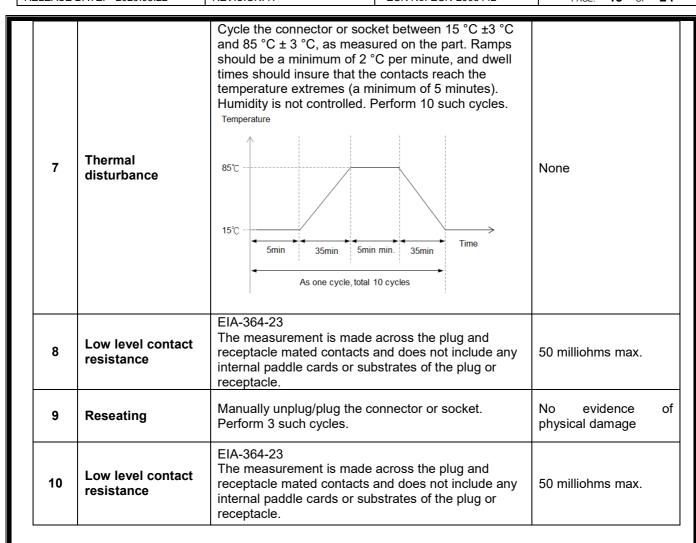
	Aces P/N: 55907 series	
TITLE: 0.5 MM PITCH USB TYPE C C	ONN.	
RELEASE DATE: 2020.05.22 REVISION: I	ECN No: ECN-2005442	PAGE: 17 OF 24

Test Group A-4 (required for all connectors)

Item	Test		est pro	cedu	re		•	Test criteria
1	Low level contact resistance	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle.				40 milliohms max for all contacts. Baseline measurement.		
2	Durability (preconditioning)	EIA-364-09 Perform 50 unplug	ı/plug cycl	es.				No evidence of physical damage
3	Temperature life (preconditioning)	EIA-364-17, metho 105° C without appused as preconditi	olied volta	ge for	72 hou	ırs who	en	None
4	Low level contact resistance	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle.				50 milliohms max.		
5	Mixed flowing gas	EIA-364-65, class -Mate state (5pcs) Mate -Unmate state (5p 112Hr Unmate Mate Relative Environmental Humidity Class % II 70±2	168Hr CS) 168Hr	Cl ₂ 10±3	Rolli Concentra NO ₂ 200±50	utant ation, ppb H ₂ S 10±5	SO ₂	None
6	Low level contact resistance	EIA-364-23 The measurement receptacle mated internal paddle carreceptacle.	contacts a	nd doe	es not	include	e any	50 milliohms max.

Page 17 2010/10/31 TR-FM-73015L

	Aces P/N	: 55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 18 OF 24



Page 18 2010/10/31 TR-FM-73015L

	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB TY	PE C CONN.		
RELEASE DATE: 2020.05.22 RE	VISION: H	ECN No: ECN-2005442	PAGE: 19 OF 24

Test Group A-7 (EIA test groups A-5 and A-6 do not apply to this connector)

Item	Test	Test procedure	Test criteria
1	Dielectric withstanding voltage	EIA-364-20, 100 VAC (RMS) Perform 4 plug/unplug cycles. (Total:4 cycles)	No disruptive discharge Current leakage: 1 mA max.
2	Low level contact resistance	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle.	40 milliohms max.
3	Durability (preconditioning)	EIA-364-09 Perform 4 unplug/plug cycles, followed by an unplug.	No evidence of physical damage.
4	Insertion force	EIA 364-13 At a maximum rate of 12.5 mm (0.492") per minute. (Total:5 cycles)	Within the range of 5 N to 20 N.
5	Extraction force	EIA 364-13 At a maximum rate of 12.5mm (0.492") per minute. (Total:6 cycles)	Within the range of 8 N to 20 N.
6	Durability	EIA 364-9 Perform 25 plug/unplug cycles. (Total:31 cycles)	No evidence of physical damage
7	Extraction force	EIA 364-13 At a maximum rate of 12.5mm (0.492") per minute (Total:32 cycles)	Within 8 N to 20 N.
8	Durability	EIA 364-9 Perform 2,468 plug/unplug cycles. (Total:2500 cycles) Rotate the receptacle or plug 180° and perform 2,500 plug/unplug cycles. Cycle rate of 500 +/-50 cycles per hour (total of 10,000 plug/unplug cycles, flipping every 2,500 cycles).	No evidence of physical damage
9	Extraction force	EIA 364-13 At a maximum rate of 12.5mm (0.492") per minute	Within 6 N to 20 N.
10	Low level contact resistance	EIA-364-23 The measurement is made across the plug and receptacle mated contacts and does not include any internal paddle cards or substrates of the plug or receptacle.	50 milliohms max.

Page 19 2010/10/31 TR-FM-73015L

	Aces P/N:	55907 series	
TITLE: 0.5 MM PITCH USB	TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 20 OF 24

11	Dielectric withstanding voltage	EIA-364-20, 100 VAC (RMS)	No disruptive discharge. Current leakage: 1 mA max.
12	Insulation Resistance	EIA 364-21. Mated and unmated connectors, apply 100 V DC between adjacent terminals. Applicable to both receptacle and plug.	A minimum of 100 MΩ insulation resistance is required between adjacent contacts of unmated and mated connectors

Test Group B-1: Type-C Connector and Cable Assembly Mechanical Tests

Item	Test		Test procedure		
B1-3	4-Axis Continuity	receptacle no furt receptacle outline - 5 mm ball tipped - Duration : 10 sec - Direction: four dir	probe applied the fonds	ay from the force ght, up, and down).	No discontinuities greater than 1 microsecond duration in any of the four orientations tested.

Test Group B-5: Critical Dimensions

Item	Test	Test procedure	Test criteria
B5	Critical Dimensions	See customer drawing	

Page 20 2010/10/31 TR-FM-73015L

	Aces F	P/N: 55907 series	
TITLE: 0.5 MM PITCH US	B TYPE C CONN.		
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 21 OF 24

Test Group B-6: Connector Pair Current Rating

ltem	Test	Test procedure	Test criteria
В6	Contact Current Rating	Mate connector: measure the temperature rise at rated current after: A current of 5 A shall be applied collectively to VBUS pins (i.e., pins A4, A9, B4, and B9) and 1.25 A shall be applied to the VCONN pin (i.e., B5) as applicable, terminated through the corresponding GND pins (i.e., pins A1, A12, B1, and B12). A minimum current of 0.25 A shall also be applied individually to all the other contacts The ambient condition is still air at 25° C (EIA-364-70 METHOD 2) Measurement Point Receptacle shell top	When current is applied to the contacts, the temperature rise shall not exceed 30°C at th outside surface of the shell. This requiremen applies to the USB Type-C connector mated pair only.

Current Rating Test PCB

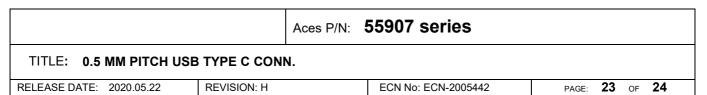
Item	Trace width (mm)	Trace length (mm) on each PCB	Thickness
Signal trace	0.25 max.	13 max.	35 μm (1 oz. copper)
Ground trace	1.57 max.	38 max.	35 μm (1 oz. copper)
V_{BUS} and V_{CONN}	1.25 max.	30 max.	35 μm (1 oz. copper)
PCB	N/A	N/A	0.80 - 1.20 mm

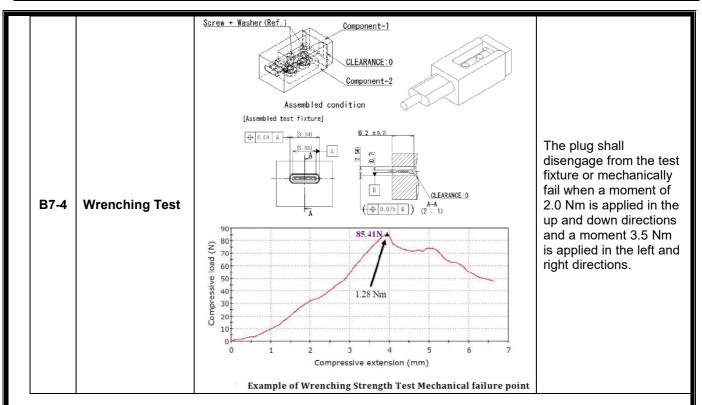
Page 21 2010/10/31 TR-FM-73015L

	Aces P/N	55907 series					
TITLE: 0.5 MM PITCH USB TYPE C CONN.							
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 22 OF 24				

Item	Test	Test procedure	Test criteria
B7-1	Wrenching Test	- Plug only - Direction: four directions (i.e., left, right, up, and down) Duration: 10 seconds Wrenching Strength Test Fixture	The plug shall be mate with the continuity test fixture after the test forces have been applied to verify no damage has occurred that causes
B7-2	Continuity	Receptacle Mating Datum A WALL THICKNESS 6.20±0.02 DETAIL B	discontinuity or shorting No plug damage: 0.75 Nm. No discontinuity or shorting the test force applied.
B7-3	Dielectric withstanding voltage	Mated, 100 VAC (RMS)	No disruptive discharg Current leakage: 1 mA max.

Page 22 2010/10/31 TR-FM-73015L

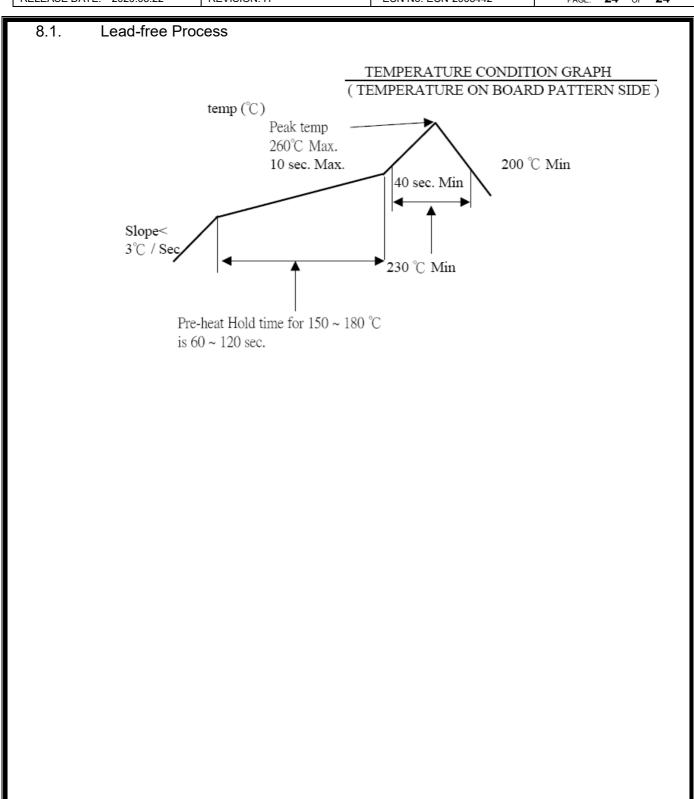




8 INFRARED REFLOW CONDITION

Page 23 2010/10/31 TR-FM-73015L

	Aces P/N:	55907 series				
TITLE: 0.5 MM PITCH USB TYPE C CONN.						
RELEASE DATE: 2020.05.22	REVISION: H	ECN No: ECN-2005442	PAGE: 24 OF 24			



Page 24 2010/10/31 TR-FM-73015L