

1.0 Reference and Address			
Report Number	103669881SAT-002	Original Issued: 31-Jul-2019	Revised: 21-Aug-2019
Standard(s)	Fire Test For Heat And Visible Smoke Release For Discrete Products And Their Accessories Installed In Air-Handling Spaces [UL 2043:2013 Ed.4]		
Applicant	<u>Crestron Electronics Inc</u>	Manufacturer	Meida Technology Suzhou Co., Ltd.
Address	15 Volvo Rockleigh, NJ 07647	Address	No. 5 Chun Shen Hu East Road, Xiang Cheng District, Suzhou City, Jingsu Province, China 215131
Country	USA	Country	China
Contact	Mr. Gary Freed	Contact	Mr. Michael Wang Mr. Alex Lhy
Phone	800-237-2041, ext 12305	Phone	86512851888993315 86512851888993315
FAX	N/A	FAX	N/A
Email	<u>gfreed@crestron.com</u>	Email	michael.wang@meida-tech.com.cn alexlhy@meida-tech.com.cn

2.0 Product Description	
Product	In-Ceiling Tile Loudspeaker
Brand name	NA
Description	The product covered by this report is a commercial, indoor use, ceiling speakers intended for the fixed installation in accordance with Article 640 of the National Electrical Code, ANSI/NFPA 70. These products are not intended for mobile use. Dry location only. the units are non-active, meaning they have no connection towards mains supply voltages.
Models	SAROS ICT5T-12-W-T-EACH, SAROS ICT5T-22-W-T-EACH
Model Similarity	Model SAROS ICT5T-22-W-T-EACH is identical to model SAROS ICT5T-12-W-T-EACH, except for the 2x2 construction of the baffle and grill.
Ratings	70/100VAC or 8Ω, 16Wmax
Other Ratings	Frequency range: 70 Hz to 18 kHz

3.0 Product Photographs

Photo 1 - External top view of model SAROS ICT5T-12-W-T-EACH

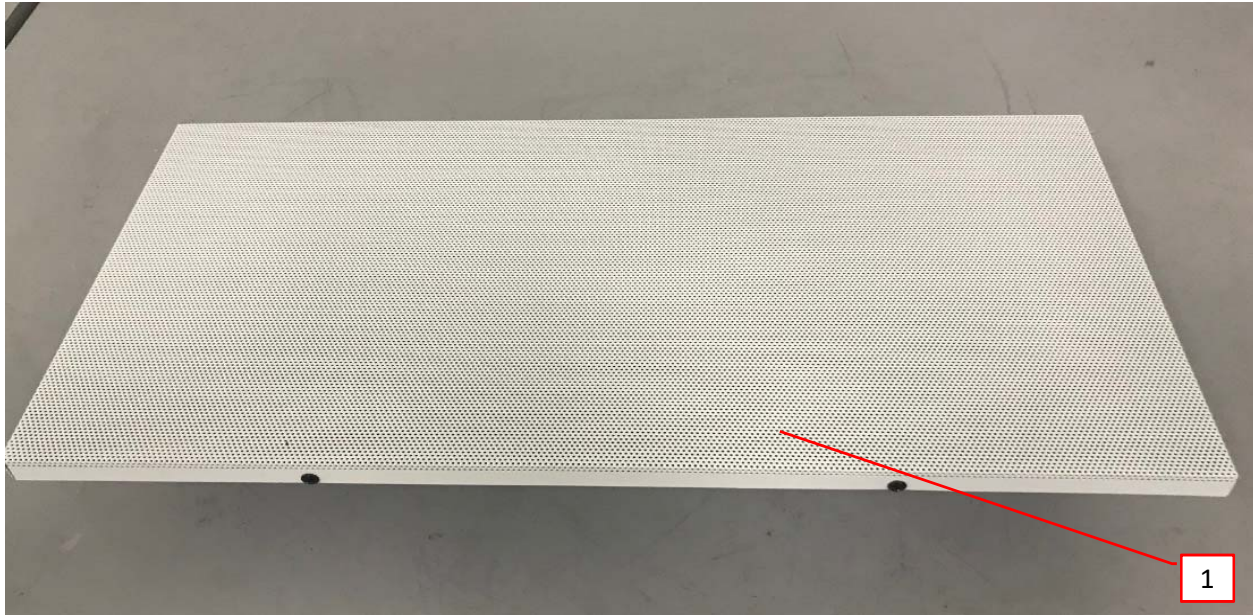


Photo 1a - External top view of model SAROS ICT5T-22-W-T-EACH



3.0 Product Photographs

Photo 2 - External back view of model SAROS ICT5T-12-W-T-EACH

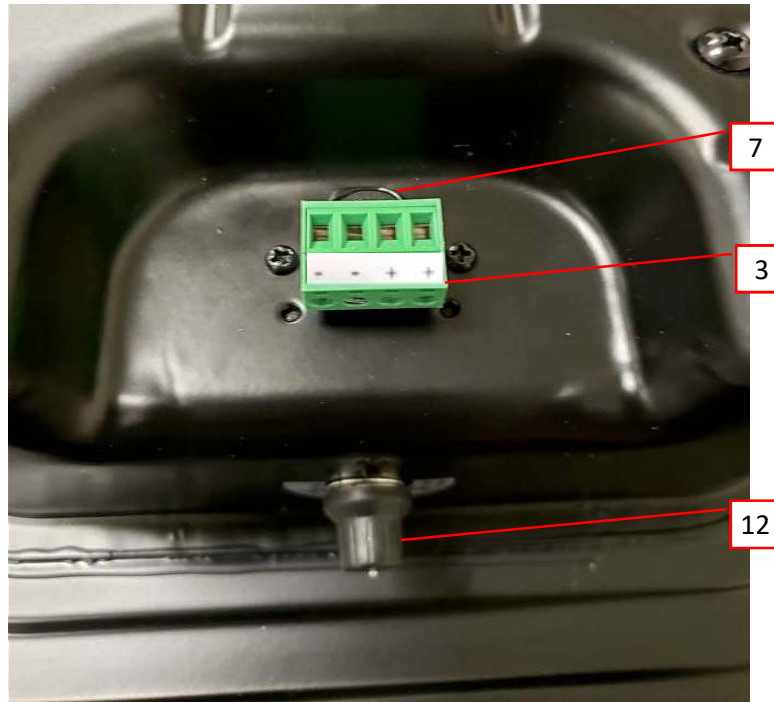


Photo 2a - External back view of model SAROS ICT5T-22-W-T-EACH



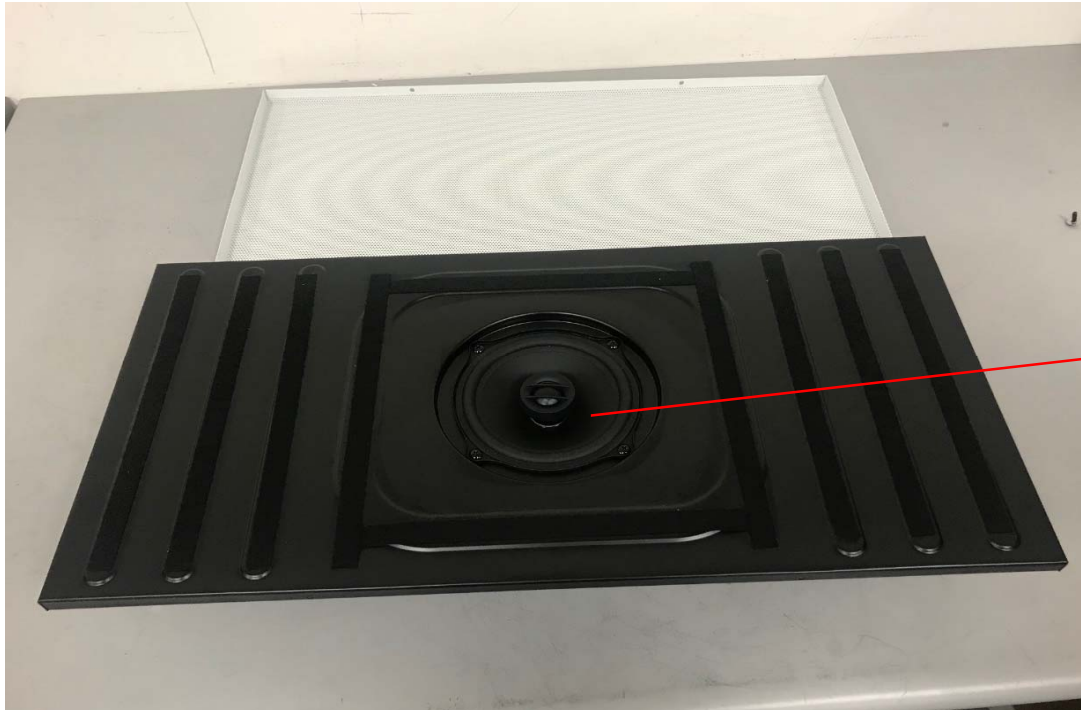
3.0 Product Photographs

Photo 3a - Terminal Block



3.0 Product Photographs

Photo 4 - top view of model SAROS ICT5T-12-W-T-EACH with the grill removed



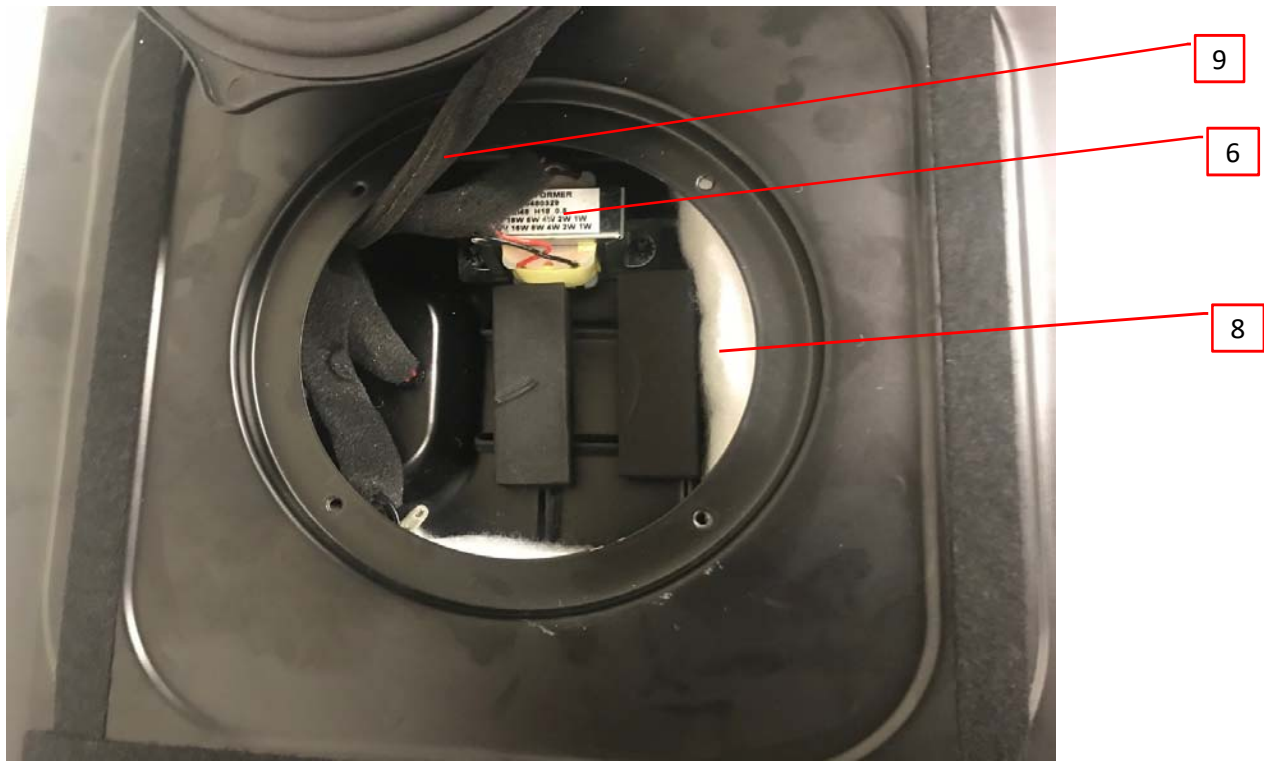
3.0 Product Photographs

Photo 5 - Top internal view of model SAROS ICT5T-12-W-T-EACH



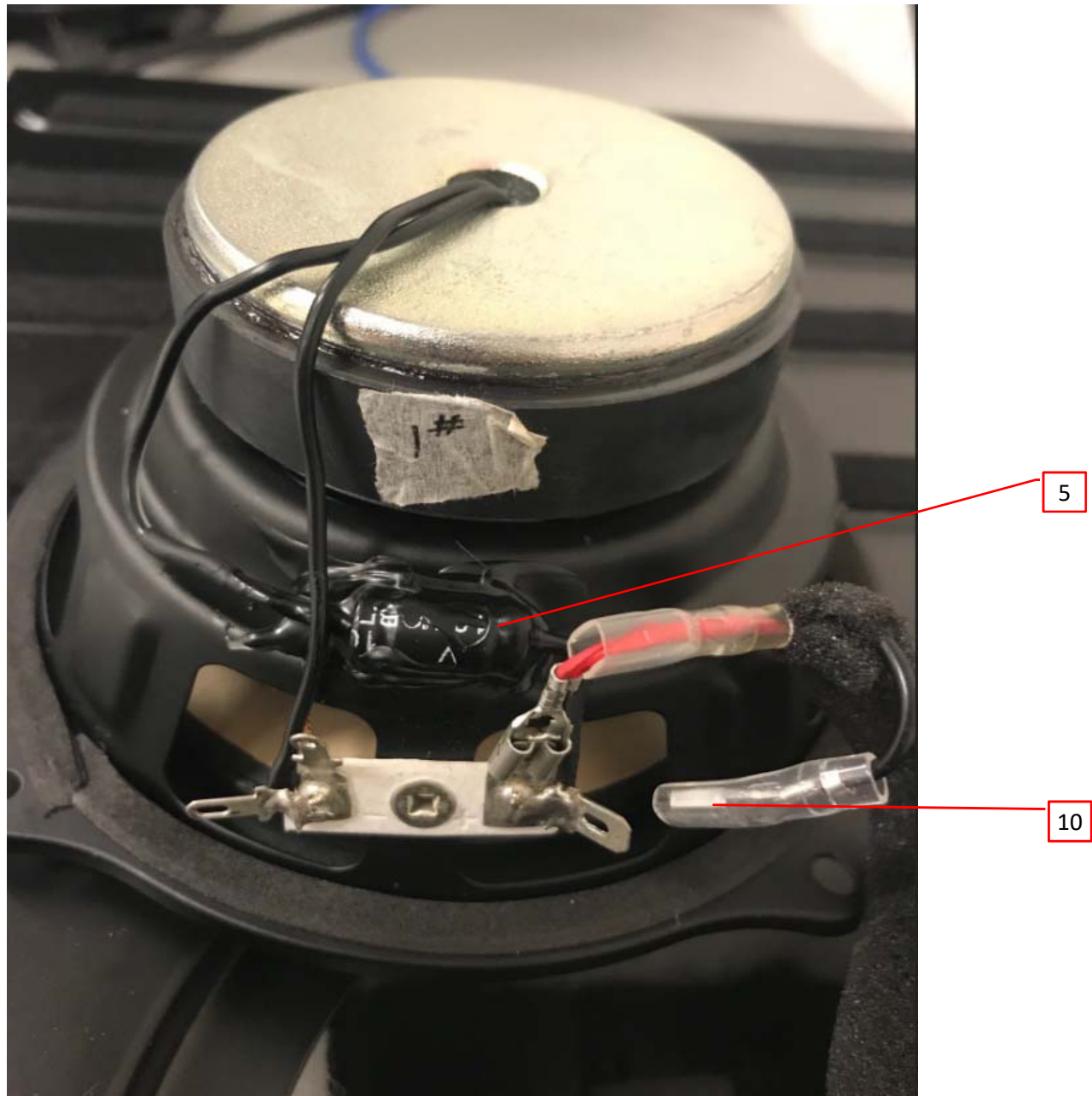
3.0 Product Photographs

Photo 6 - Top internal view of model SAROS ICT5T-12-W-T-EACH



3.0 Product Photographs

Photo 7 -Side view of the speaker



4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
1, 1a	1	Metal grill	Various	Various	SPCC Refer to illustrations # 1 and 1a	NR
2, 2a	2	Enclosure	Various	Various	SPCC, black powder coated Refer to illustration # 2 and 2a	NR
3a	3	Terminal Block	Various	PA66	12-28AWG, 15A, 300V, V-0, 105°C.	cURus
4, 5	4	Speaker woofer	Meiloon	WF	5.25" woofer 8ohm. Refer to illustration # 4	NR
5, 7	5	Capacitor	Shenzhen Hao Junxing Electronics Co., Ltd.	YC2018091101	1UF/100V	NR
5, 6	6	Matching transformer	Shanghai Sucheng Electric Co. Ltd.	SC048190001	70/100Vac, 16W refer to illustration # 3	NR
3a	7	Internal Wires	Various	AWM 1007	300V, 22AWG, VW-1, 80°C	cURus
6	8	Insulation	Suzhou Banlan Electronic Technology co. LTD	Various	Sound-absorbing cotton . Rated V-0.	cURus
6	9	Wires insulation	Suzhou Shun hon Eletronics	EVA Foam	Polymer of polyvinyl acetate. Rated V-0	cURus
7	10	Terminal Insulation	Yueqing Tianda Electronic Sheath CO., LTD	Various	Rated V-0	cURus
1	11	Marking Label (Not Shown)	Various	Various	SILVER POLYESTER, .002" THK WITH PERMANENT ACRYLIC ADHESIVE	cURus
3a	12	Rotary Switch	Taiwan SWVR Enterprise Co. Ltd.	SR25	125Vac, 0.3A, 55°C,	NR

NOTES:

1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.

2) "Various" means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.

3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

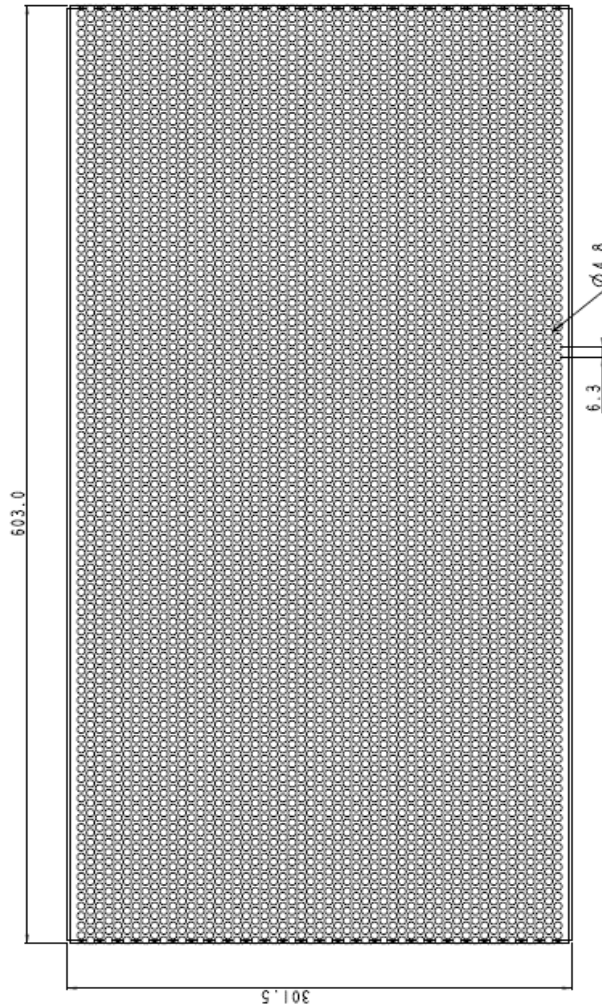
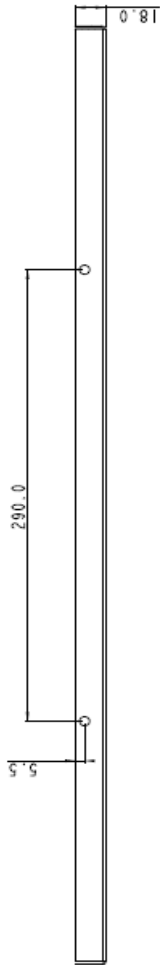
No Unlisted CEC components are used in this report.

6.0 Critical Features	
<p><u>Recognized Component</u> - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.</p>	
<p><u>Listed Component</u> - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.</p>	
<p><u>Unlisted Component</u> - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.</p>	
<p><u>Critical Features/Components</u> - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.</p>	
<p><u>Construction Details</u> - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.</p>	
1.	<p><u>Spacing</u> - In primary circuits, 1.6 mm minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and 12.7 mm minimum between such current-carrying parts and dead-metal parts or low voltage isolated circuits.</p>
2.	<p><u>Mechanical Assembly</u> - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.</p>
3.	<p><u>Corrosion Protection</u> - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.</p>
4.	<p><u>Accessibility of Live Parts</u> - All uninsulated live parts in primary circuitry are housed within a metal enclosure constructed with no openings other than those specifically described in Sections 4 and 5.</p>
5.	<p><u>Grounding</u> - This product is not provided with a means of grounding as it is not required to be grounded since connected to low voltage audio circuits.</p>
6.	<p><u>Polarized Connection</u> - NA</p>
7.	<p><u>Internal Wiring</u> - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. All wiring is minimum 22 AWG, with a minimum rating of 300V, 80°C.</p>
8.	<p><u>Schematics</u> - NA</p>
9.	<p><u>Markings</u> - The product is marked on a labeling system as described in item no. 11 of Section 4.0 as follows: brand name, model number, date of manufacturer, electrical ratings.</p>
10.	<p><u>Cautionary Markings</u> - N/A</p>
11.	<p><u>Installation, Operating and Safety Instructions</u> - Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustration No(s). 5a and 6a for details.</p>

7.0 Illustrations

Illustration 1 - Metal Grill

編號 NO.	版本 REVISION	日期 DATE	訂正者 NAME
A01	初次發行	Sep-27-17	

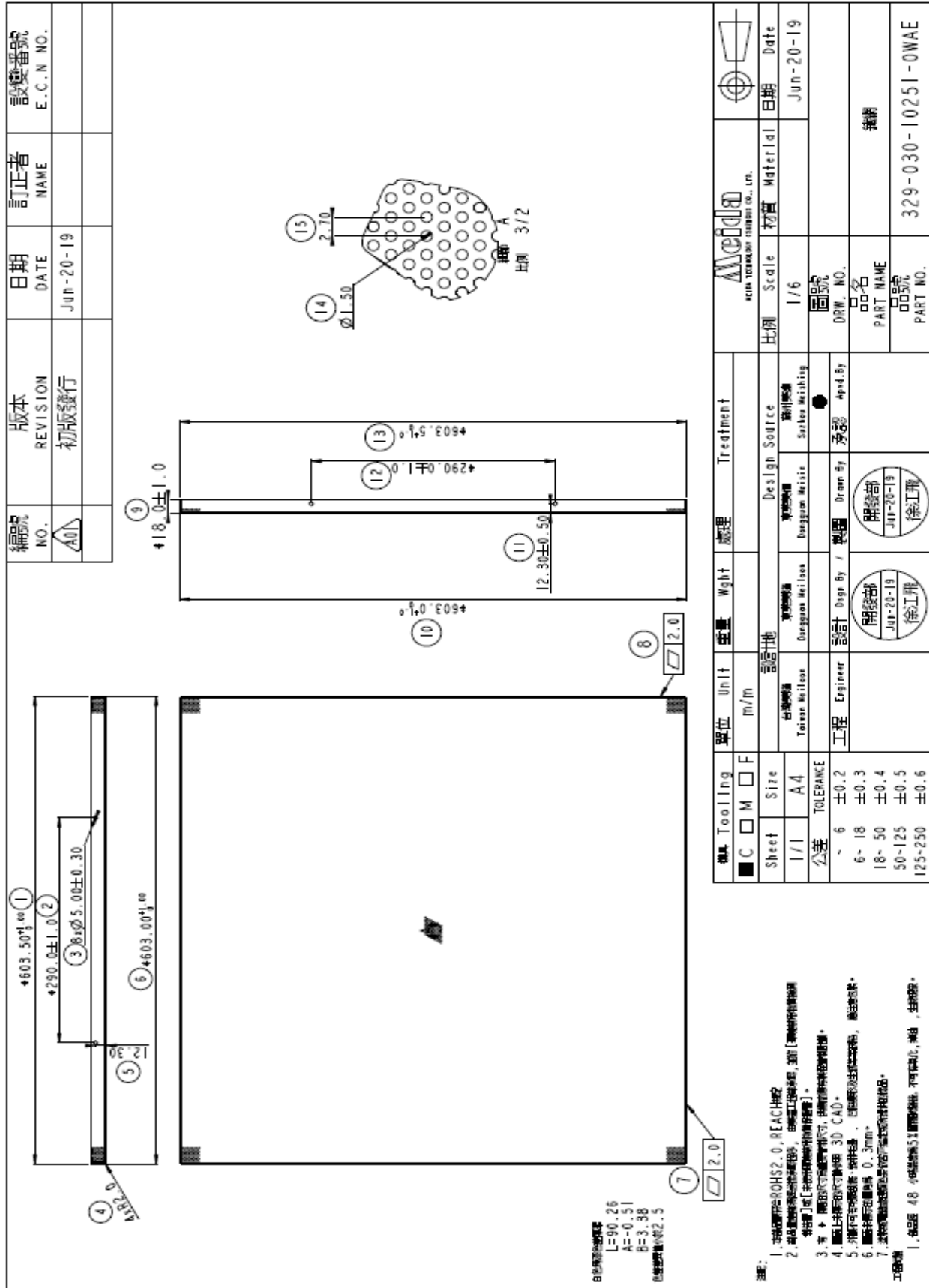


- 註:
1. 本規格符合ROHS2.0規格REACH 規定
 2. 產品應定期檢查與保養, 在專業工程師指導, 並持【廠牌用】(備用) 零件【零件用】或【零件用】零件(零件)。
 3. 至 4 種送貨方式, 供選擇。
 4. 若產品出現故障, 請與原廠聯繫。
 5. 外圍尺寸應符合 3D CAD。
 6. 建議安裝在指定位置(請參閱圖紙)。
 7. 應力均勻, 應力應符合。
- 工廠備
1. 產品 48 小時, 應力應符合, 不可拆卸, 正時, 無損。

Tooling	單位	Unit	重量	Weight	處理	Treatment	
OC	□	M	□	□	□	□	
Sheet	Size	mm	mm	mm	mm	mm	
1/1	A3						
Design Source		Design Source		Design Source		Design Source	
Bozza Machine		Bozza Machine		Bozza Machine		Bozza Machine	
Scale		Scale		Scale		Scale	
1/3		1/3		1/3		1/3	
SPCC 0.		SPCC 0.		SPCC 0.		SPCC 0.	

7.0 Illustrations

Illustration 1a - Metal Grill of model SAROS ICT5T-22-W-T-EACH



編號 NO.	版本 REVISION	日期 DATE	訂正者 NAME	設置番號 E.C.N NO.
401	初版發行	2019-06-20		
圖號	圖名	圖號	圖名	圖號
比例	Scale	材質	Material	日期
1/6				2019-06-20
圖號	圖名	圖號	圖名	圖號
DRW. NO.	品名	DRW. NO.	品名	DRW. NO.
PART NAME	品名	PART NAME	品名	PART NAME
329-030-10251-0WAE		329-030-10251-0WAE		329-030-10251-0WAE

- 注意:
1. 本圖係採用 PROHS2.0, REAC 繪製
 2. 本圖係採用 PROHS2.0, REAC 繪製, 由電腦生成, 並非由人工繪製, 請勿隨意修改, 如有修改, 請與工程師洽詢。
 3. 本圖係採用 PROHS2.0, REAC 繪製, 由電腦生成, 並非由人工繪製, 請勿隨意修改, 如有修改, 請與工程師洽詢。
 4. 圖上所有尺寸均以 mm 為單位, 3D CAD 繪製。
 5. 所有尺寸均以 mm 為單位, 3D CAD 繪製。
 6. 圖上所有尺寸均以 mm 為單位, 3D CAD 繪製。
 7. 本圖係採用 PROHS2.0, REAC 繪製, 由電腦生成, 並非由人工繪製, 請勿隨意修改, 如有修改, 請與工程師洽詢。

7.0 Illustrations

Illustration 2 - Enclosure Drawing

編號 NO.	版本 REVISION	日期 DATE	訂正者 NAME	高變番號 E.C.N. NO.
ADN	初版發行	Mar-28-18		

The drawing includes a top view with overall dimensions of 600.4 mm width and 299.0 mm height. A central cutout has a width of 220.0 mm and a height of 111.5 mm. A circular hole in the center has a diameter of 125.0 mm. A detail view shows a screw with a diameter of 4.7 mm. Section A-A shows a detail of the top edge with a thickness of 0.8 mm and a chamfered edge with a radius of 0.5 mm. Section B-B shows a detail of the bottom edge with a height of 14.0 mm and a width of 94.0 mm. Tolerances are specified as ±0.2 for hole diameters, ±0.3 for hole positions, ±0.4 for hole diameters, ±0.5 for hole positions, and ±0.6 for hole diameters.

MMA Tooling	單位 Unit	重量 Weight	處理 Treatment	A4-70	Aveidia www.aveidia.com	比例 Scale	材質 Material	日期 Date
<input type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> F	m/m					1/4	SPCC	Mar-28-18
Sheet	圖號 Title	圖號 Design with	圖號 Design with	圖號 Design with	圖號 Design with	1/4	SPCC	Mar-28-18
公差 TOLERANCE	工程 Engineer	設計 Design by /	製圖 Draw by /	承製 Fabricate	品名 PART NAME			
±0.2 ±0.3 ±0.4 ±0.5 ±0.6					301-SPCC-10053-0BAE			5.25" 螺絲

注意:

1. 本物料符合ROHS2.0, REACH指令
2. 本物料符合REACH指令, 符合REACH指令, 符合REACH指令, 符合REACH指令
3. 本物料符合REACH指令, 符合REACH指令, 符合REACH指令, 符合REACH指令
4. 本物料符合REACH指令, 符合REACH指令, 符合REACH指令, 符合REACH指令
5. 本物料符合REACH指令, 符合REACH指令, 符合REACH指令, 符合REACH指令
6. 本物料符合REACH指令, 符合REACH指令, 符合REACH指令, 符合REACH指令
7. 本物料符合REACH指令, 符合REACH指令, 符合REACH指令, 符合REACH指令

工務部
1. 物料在 48 小時內, 5 天內, 不可更改, 修改, 更改, 更改。

7.0 Illustrations

Illustration 3 - Transformer internal component



上海苏程电子有限公司
 SHANGHAI SUCHENG ELECTRONIC CO., LTD

文件名称		变压器用料规格标准		文件编号	SC048190001					
客户料号				文件版本号	Ⓐ	B	C	D	E	F
					G	H	I	J	K	L
ITEM	DESCRIPTION	MATERIAL	THICKNESS	MANUFACTURER						
1	Primary Bobbin	Nylon66	0.7mm	Kenta Enterprise Company Limited E41938 (M) or Other Equivalent						
2	Cross Insulation	Acetate Cloth Tape	0.18/0.36mm	Jingjiang Presssure Sensitive Glue Fiy.E165111(N) or Other Equivalent.						
3	Primary Winding	(2UEW)Polyurethane Enameled Copper Wire		NINGBO JINTIAN NEW MATERIAL CO.,LTD E227047 or Other Equivalent.						
4	Insulation Bewteen Pri Winding	Polyester Film Tape 2 Turns Press Board 1 PC	0.025mm 0.5 or 0.4mm	Jingjiang Presssure Sensitive Glue Fiy.E165111(N) or Other Equivalent.						
				Joint Force Metal Research& CO.,LTD. or Other Equivalent.						
6	Pri Lead Wire	1007#22		Shanghai Xinhui Wire& Cable Co.,Ltd ULE330134or Other Equivalent.						
7	Pri Outerwarp	Polyester Film Tape 3 Turns Press Board 1 PC	0.025mm 0.5 or 0.4mm	Jingjiang Presssure Sensitive Glue Fiy.E165111(N) or Other Equivalent.						
8	Sec Winding	(2UEW)Polyurethane Enameled Copper Wire		NINGBO JINTIAN NEW MATERIAL CO.,LTD E227047 or Other Equivalent.						
9	Insulation Bewteen Sec Winding	Polyester Film Tape 3 Turns Press Board 1 PC	0.025mm 0.5 or 0.4mm	Jingjiang Presssure Sensitive Glue Fiy.E165111(N) or Other Equivalent.						
10	Sec Lead Wire	1007#22		Shanghai Xinhui Wire& Cable Co.,Ltd ULE330134or Other Equivalent.						
11	Sec Outerwarp	Polyester Film Tape 3 Turns Press Board 1 PC	0.025mm 0.5 or 0.4mm	Jingjiang Presssure Sensitive Glue Fiy.E165111(N) or Other Equivalent.						
12	Core	EI-48 H50-0.5A	0.35mm							
13	Frame	Cold Rolled Steel	0.6mm	Hang Shing Metal Factory. or Other Equivalent.						
14										
15										
16										
17										
18										
19										
20										
21										

7.0 Illustrations

Illustration 4 - Woofer

編號 NO.	版本 REVISION	日期 DATE	訂正者 NAME	設變番號 E.C.N. NO.
AD1	初版發行	Jul-19-18		


紙盆	高音面蓋	防塵蓋	中板	音圈	磁鐵	彈波	華司	中心磁	中心柱
-----------	-------------	------------	-----------	-----------	-----------	-----------	-----------	------------	------------

Tooling	單位 Unit	重量 Mglt	處理 Treatment	設計地 Design Source	出圖 Scale	材質 Material	日期 Date
C M F	m/m			台灣 Designer: Melissa Design: Melissa	1/1		Jul-19-18
公差 TOLERANCE	公差 TOLERANCE	公差 TOLERANCE	公差 TOLERANCE	公差 TOLERANCE	公差 TOLERANCE	公差 TOLERANCE	公差 TOLERANCE
6 ±0.2	6 ±0.2	6 ±0.2	6 ±0.2	6 ±0.2	6 ±0.2	6 ±0.2	6 ±0.2
18 ±0.3	18 ±0.3	18 ±0.3	18 ±0.3	18 ±0.3	18 ±0.3	18 ±0.3	18 ±0.3
50 ±0.4	50 ±0.4	50 ±0.4	50 ±0.4	50 ±0.4	50 ±0.4	50 ±0.4	50 ±0.4
125-250 ±0.5	125-250 ±0.5	125-250 ±0.5	125-250 ±0.5	125-250 ±0.5	125-250 ±0.5	125-250 ±0.5	125-250 ±0.5

工程 Engineer	設計 Design By	製圖 Drawn By	審核 Aptd By	品名 PART NAME	品號 PART NO.
	宋留虎	宋留虎	宋留虎	woofer	6510077

7.0 Illustrations

Illustration 5a -Installation Instructions



SAROS ICT15T-12-W-T-EACH+*/SAROS ICT15T-22-W-T-EACH+*
Saros® In-Ceiling Tile Loudspeakers

The Saros ICT15T loudspeakers are designed for installation in a suspended ceiling grid using 15/16 in. tiles and 2 ft x 2 ft or 2 ft x 4 ft tiles. With a 4 in. overall height, the loudspeaker has a very low profile and can be installed in a standard plenum space.

The ICT15T-12 is a 1 ft x 2 ft in-ceiling tile loudspeaker while the ICT15T-22 is a 2 ft x 2 ft in-ceiling tile loudspeaker.

Quick Start

Check the Box

Item	Qty
SAROS ICT15T-12-W-T-EACH+*	2
Cross Tee, 2 ft	2
SAROS ICT15T-22-W-T-EACH+*	2
Cross Tee, 2 ft	2

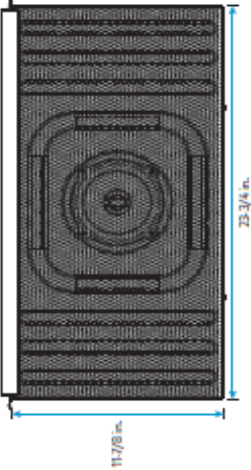
Install the Speaker

Required Tools/Recommended Accessories

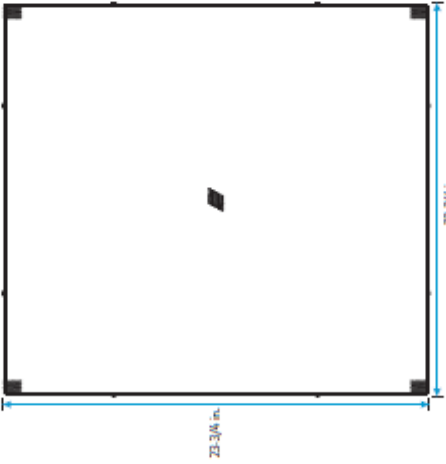
- Utility knife
- Flat blade screwdriver
- #1 Phillips screwdriver
- SIPKA-ST-15 Safety Tether/Tie Down Kit (sold separately)

Install the Loudspeaker

The ICT15T-12 loudspeaker has the following dimensions for installation in a 2 ft x 2 ft or 2 ft x 4 ft suspended ceiling grid.


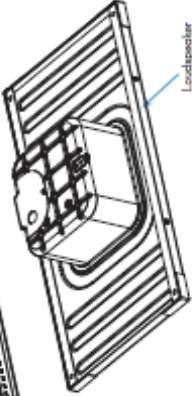


The ICT15T-22 loudspeaker has the following dimensions for installation in a 2 ft x 2 ft or 2 ft x 4 ft suspended ceiling grid.




1. Remove a 2 ft x 2 ft or 2 ft x 4 ft tile from the suspended ceiling grid.
2. When installing the loudspeaker in a tile space that is larger than the loudspeaker, use a utility knife to cut a 1 ft x 2 ft (for the 1 ft x 2 ft loudspeaker) or a 2 ft x 2 ft (for the 2 ft x 2 ft loudspeaker) section from the end of the tile.
3. When installing the loudspeaker in a tile space that is larger than the loudspeaker, install the included cross tee in the grid so the loudspeaker and ceiling tiles are supported on four sides.

Install cross tee (ICT15T-12 shown)

NOTE: The loudspeaker is designed for use with a suspended ceiling grid with 15/16 in. cross tees.

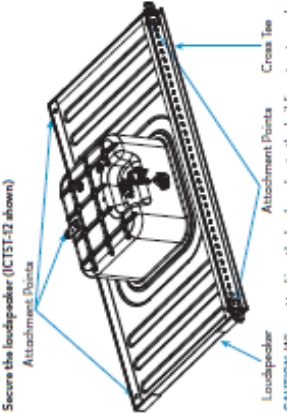
4. Return the remaining ceiling tile to the suspended ceiling grid and place the loudspeaker in the new opening on the grid.
5. To secure the loudspeaker and make the loudspeaker terminations, temporarily remove an adjacent tile for access to the area above the loudspeaker.
6. Secure the loudspeaker to the building structure above using SIPKA-ST-15 Safety Tether/Tie Down Kits (sold separately) or ceiling grid hanger wires.



7.0 Illustrations

Illustration 6a -Installation Instructions (Continues)

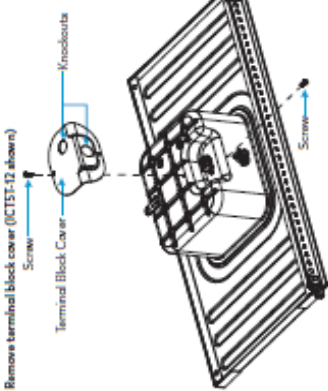
Secure the loudspeaker (ICT15-12 shown)



Connect the Loudspeaker


1. Use a #1 Phillips screwdriver to remove the two screws securing the terminal block cover, and remove the terminal block cover as shown in the diagram below. The terminal block is revealed.

Remove terminal block cover (ICT15-12 shown)



2. Remove a knob/outs from the terminal block cover and feed the speaker wire through the terminal block cover to the terminal block. Use a clamp (not included) to secure the cable to the terminal block cover.
3. Terminate the speaker wire to the terminal block.
4. Replace the terminal block cover.


5. The loudspeaker uses a rotary switch to select between low impedance and high impedance operation. Turn the knob to select the operating mode.



6. Replace all cabling ties that were removed during installation.

Additional Information

Scan or click the QR code for detailed product information.



SAROS ICT15-12-W-T-EACH* SAROS ICT15-122-W-T-EACH*

8.0 Test Summary			
Evaluation Period	12/4/2018		Project No. G103669881
Sample Rec. Date	16-Nov-2018	Condition Production	Sample ID. SAT1811161409-001
Test Location	16015 Shady Falls Road, Elmendorf, TX 78112		
Test Procedure	Testing Lab		
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.			
The following tests were performed:			
Test Description	UL 2043:2013 Ed.4		
Peak Rate of Heat Release	9.1A		
Peak Smoke Release Rate	9.1B		
Total Smoke Released	9.1C		
Evaluation Period	7/31/2019		Project No. G103971148

Due to the previous testing performed under Intertek Report 103669881SAT-001 no additional testing was necessary.

8.1 Signatures			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0 with regard to the risks of flammability. The risks associated with the other properties of this product have not been investigated.			
Completed by:	Jason De La Cruz	Reviewed by:	Sal Romo
Title:	Senior Project Engineer	Title:	Project Engineer
Signature:	<i>Signature on file</i>	Signature:	<i>Signature on file</i>

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	Crestron Electronics Inc
Address	15 Volvo Rockleigh, NJ 07647
Country	USA
Product	In-Ceiling Tile Loudspeaker

MULTIPLE LISTEE 1	None				
Address					
Country					
Brand Name					
ASSOCIATED MANUFACTURER					
Address					
Country					
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">MULTIPLE LISTEE 1 MODELS</td> <td style="width: 50%; text-align: center;">BASIC LISTEE MODELS</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS		
MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS				

MULTIPLE LISTEE 2	None				
Address					
Country					
Brand Name					
ASSOCIATED MANUFACTURER					
Address					
Country					
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">MULTIPLE LISTEE 2 MODELS</td> <td style="width: 50%; text-align: center;">BASIC LISTEE MODELS</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS		
MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS				

MULTIPLE LISTEE 3	None				
Address					
Country					
Brand Name					
ASSOCIATED MANUFACTURER					
Address					
Country					
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">MULTIPLE LISTEE 3 MODELS</td> <td style="width: 50%; text-align: center;">BASIC LISTEE MODELS</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS		
MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS				

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

- 1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
- 2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
- 3) a control number issue by Intertek
- 4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, "Conforms to" shall appear with the standard number along with the word, "Standard" or "Std." Example: "Conforms to ANSI/UL Std. XX."

For Canadian standards, the words "Certified to CAN/CSA Standard CXX No. XX." shall be used, or abbreviated, "Cert. to CAN/CSA Std. CXX No. XX."

Can be used together when both standards are used.

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use.

The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

Note to Intertek Follow Up Inspector: The Component Evaluation Center, CEC, will notify you in writing when these components must be selected and sent to the CEC for re-evaluation

Ship the samples to:

Intertek Testing Services NA Inc.
ETL Component Evaluation Center
45000 Helm Street, Suite 150
Plymouth Twp., MI 48170 USA
Attn: Component Evaluation Center



Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

None

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
21-Aug-2019	J. De La Cruz	3	3a	Photo updated from terminal block with "-+-" polarity label to terminal block with "--++" polarity label.
G103669881SAT	 S.Romo 	4	4	Changed manufacturer from Crestron to Meiloon.
		4	5	Changed technical data from 100UF/100V to 1UF/100V.
		4	6	Changed manufacturer from Just For You Enterprise Co., LTD to Shanghai Sucheng Electric Co. Ltd. Changed model from WJ0480329 to SC048190001.
		7	3	Changed datasheet from Just for You Enterprise Co., Model WJ0480329 datasheet to Shanghai Sucheng Electronic Co., Ltd datasheet.