

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0950435891

Status:

Active

Overview:

[modular_plugs_jacks](#)

Description:

Modular Plug, Short Body, Shielded, 8/8, Black Boot, Cat5 for 6.00mm (.236") Cable Outside Diameter

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-95043 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

95043

Comments

Colored Boot[Cable to Plug Tensile Strength: 98.0N (22 lb)

Component Type

Wire Plug

Magnetic

No

Overview

[modular_plugs_jacks](#)

Performance Category

5

Power over Ethernet (PoE)

N/A

Product Name

RJ45

Physical

Boot Color

BLACK

Color - Resin

Clear

Durability (mating cycles max)

750

Flammability

94V-2

Inverted / Top Latch

N/A

Lightpipes/LEDs

None

Material - Metal

Copper Alloy, Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polycarbonate

Orientation

N/A

PCB Locator

No

PCB Retention

None

Packaging Type

Bag

Pitch - Mating Interface (in)

0.040 In

Pitch - Mating Interface (mm)

1.02 mm

Plating min: Mating (µin)

12

Plating min: Mating (µm)

0.3

Plating min: Termination (µin)

50.8

Plating min: Termination (µm)

1.27

Ports

1

Positions / Loaded Contacts

8/8

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-40°C to +60°C

Termination Interface: Style

IDT or Pierce

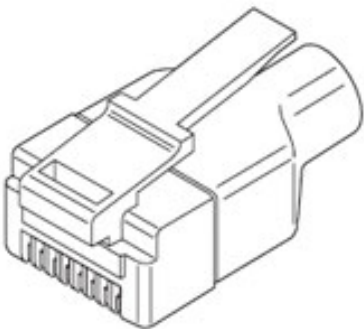
Waterproof / Dustproof

No

Wire/Cable Type

Round

Electrical



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

95043Series

Mates With

FCC 68 Jacks

Application Tooling FAQ	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
Global	
Description	Product #
Termination Machine, Modular Plug	0623001400
Parallel Action Handtool for 95043 Shielded Plug, FCC 68, 8/8 Circuit, Short Body	0690081104

Current - Maximum per Contact	1.5A
Grounding to Panel	N/A
Shielded	Yes
Voltage - Maximum	125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-95043
Packaging Specification	PK-95043
Product Specification	PS-95043
Sales Drawing	SDA-95043

This document was generated on 06/07/2010

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10 9 8 7 6 5 4 3 2 1

NOTES :

1- MATERIAL :

PLUG HOUSING :

CLEAR POLYCARBONATE

TERMINALS :

PHOSPHOR BRONZE PLATED WITH
(0.00127 MM)/.000050 INCH MIN. GOLD IN
CONTACT AREA, (0.00127 MM)/.000050 INCH
MIN. PURE TIN IN PIERCE AREA BOTH OVER
(0.00127 MM)/.000050 INCH MIN. NICKEL

SHIELD :

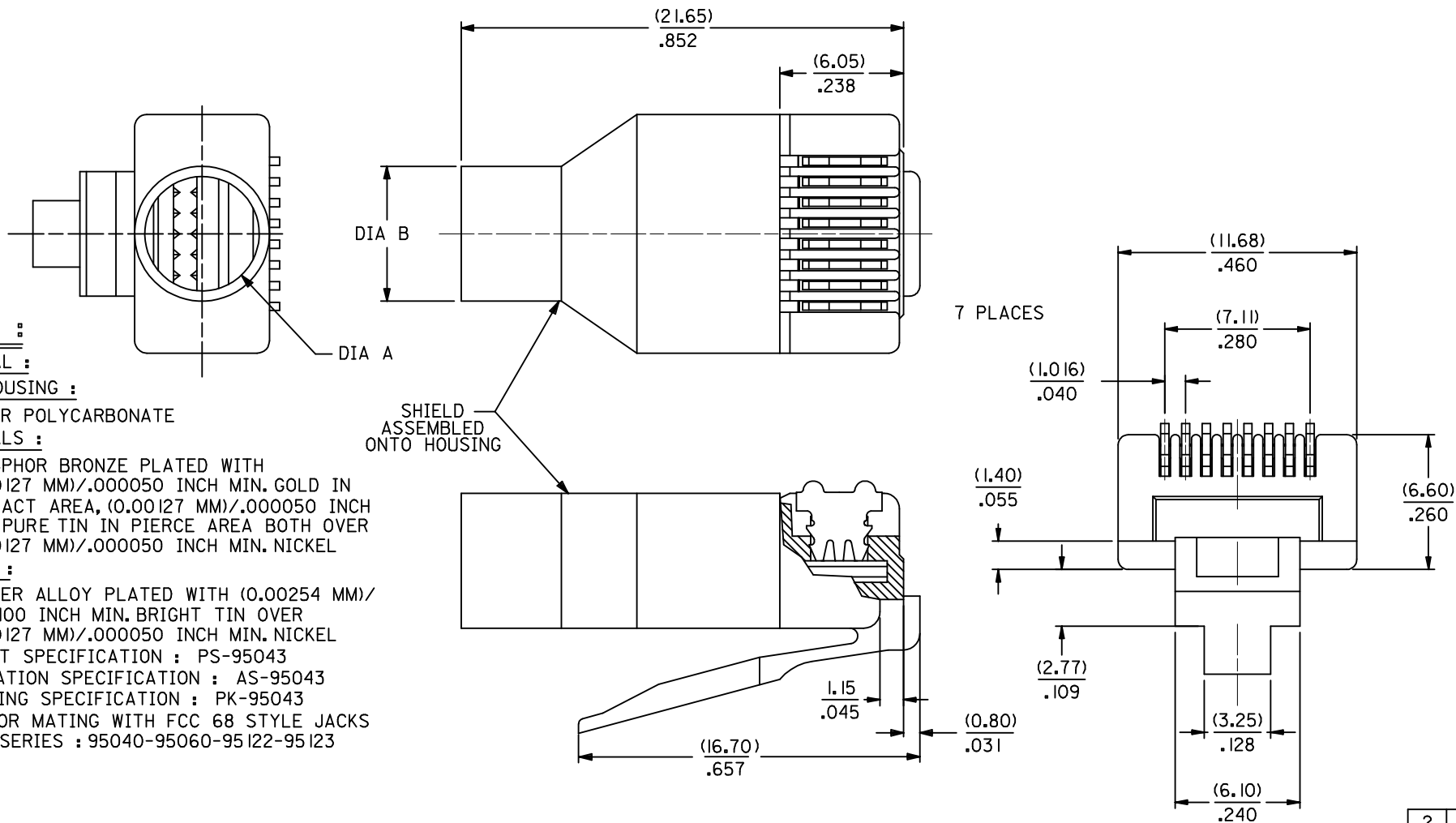
COPPER ALLOY PLATED WITH (0.00254 MM)/
.000100 INCH MIN. BRIGHT TIN OVER
(0.00127 MM)/.000050 INCH MIN. NICKEL

2- PRODUCT SPECIFICATION : PS-95043

3- APPLICATION SPECIFICATION : AS-95043

4- PACKAGING SPECIFICATION : PK-95043

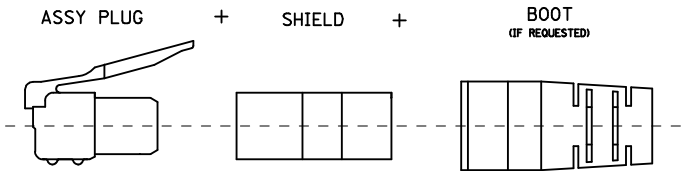
5- PLUG FOR MATING WITH FCC 68 STYLE JACKS
MOLEX SERIES : 95040-95060-95122-95123



SEE SHEET 2		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: E2009-0512		2009/04/17		mm INCH		MM/IN		1:1		METRIC			
DRWNG: CARTON		2009/04/17		4 PLACES ± --- ± ---		DRAWN BY DATE		TITLE SHIELDED MODULAR PLUG 8 POSITION FOR ROUND CABLE					
CHKD: 2009/04/17		2009/04/17		3 PLACES ± --- ± .010		CHECKED BY DATE							
APPR: J WALLACE		2009/04/17		2 PLACES ± 0.25 ± .014		TB		MOLEX MOLEX INCORPORATED					
				1 PLACE ± 0.35 ± ---		APPROVED BY DATE							
				ANGULAR ± 2 °		FB		DOCUMENT NO. SHEET NO.					
				DRAFT WHERE APPLICABLE		MATERIAL NO.		SDA-95043					
				MUST REMAIN		SEE SHEET 2							
				WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
						A3							

ASSEMBLY PART NUMBER	TOOLED	CABLE DIAMETER		BOOT		DIM A	DIM B	'MG' MARK	PARTS/ UNIT	PACKAGING VERSION
				COLOR	RAL NBR					
95043-1881	YES	(5.10-5.60)/.200-.220	NO	N/A	N/A	(5.60)/.220	(6.60)/.260	NO	I	A
95043-2881	YES	↑	NO	N/A	N/A	↑	↑	YES	I	A
95043-2891	YES		YES	BLACK	9005			YES	I	A
95043-2892	YES		YES	GREY	7012			YES	I	A
95043-2893	YES		YES	GREEN	6016			YES	I	A
95043-2894	YES		YES	RED	3000			YES	I	A
95043-2895	YES		YES	YELLOW	1021			YES	I	A
95043-2896	YES		YES	BLUE	5015			YES	I	A
95043-3891	YES	↓	YES	BLACK	9005	↓	↓	YES	I000	A
95043-6891	YES	(5.10-5.60)/.200-.220	YES	BLACK	9005	(5.60)/.220	(6.60)/.260	YES	5	B
95043-4881	YES	(5.60-6.20)/.220-.244	NO	N/A	N/A	(6.20)/.244	(7.20)/.283	NO	I	A
95043-5881	YES	↑	NO	N/A	N/A	↑	↑	YES	I	A
95043-5891	YES		YES	BLACK	9005			YES	I	A
95043-5892	YES		YES	GREY	7012			YES	I	A
95043-5893	YES		YES	GREEN	6016			YES	I	A
95043-5894	YES		YES	RED	3000			YES	I	A
95043-5895	YES		YES	YELLOW	1021			YES	I	A
95043-5896	YES	↓	YES	BLUE	5015	↓	↓	YES	I	A
95043-5897	YES	(5.60-6.20)/.220-.244	YES	BLACK	9005	(6.20)/.244	(7.20)/.283	YES	I	C

SHIELDED PLUG COMPOSITION



ADDED OPTION EC NO: E2009-0512 DRAWN: CARTON 2009/04/17 CHKD: 2009/04/17 APPR: WALLACE 2009/04/17 REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .014</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.35</td> <td>± ---</td> </tr> </table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .014	1 PLACE	± 0.35	± ---	DIMENSION STYLE MM/IN DRAWN BY: CB DATE: CHECKED BY: TB DATE: APPROVED BY: FB DATE: MATERIAL NO.		SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE SHIELDED MODULAR PLUG 8 POSITION FOR ROUND CABLE MOLEX INCORPORATED DOCUMENT NO. SDA-95043 SHEET NO. 2 OF 2
		mm	INCH																			
	4 PLACES	± ---	± ---																			
	3 PLACES	± ---	± .010																			
2 PLACES	± 0.25	± .014																				
1 PLACE	± 0.35	± ---																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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