

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0950435893

Status:

Active

Overview:

[modular\\_plugs\\_jacks](#)

Description:

Modular Plug, Short Body, Shielded, 8/8, Green 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

GREEN

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

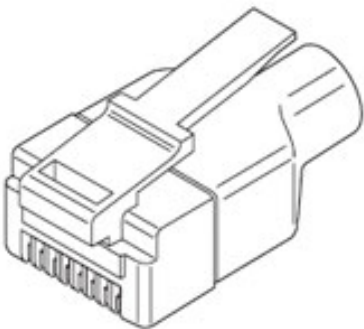


image - Reference only

Series

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](mailto: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                                                       | 0623001400 |
| Machine, Modular Plug                                             |            |
| Parallel Action                                                   | 0690081104 |
| Handtool for 95043 Shielded Plug, FCC 68, 8/8 Circuit, Short Body |            |

|                               |                  |
|-------------------------------|------------------|
| 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 |

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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 :

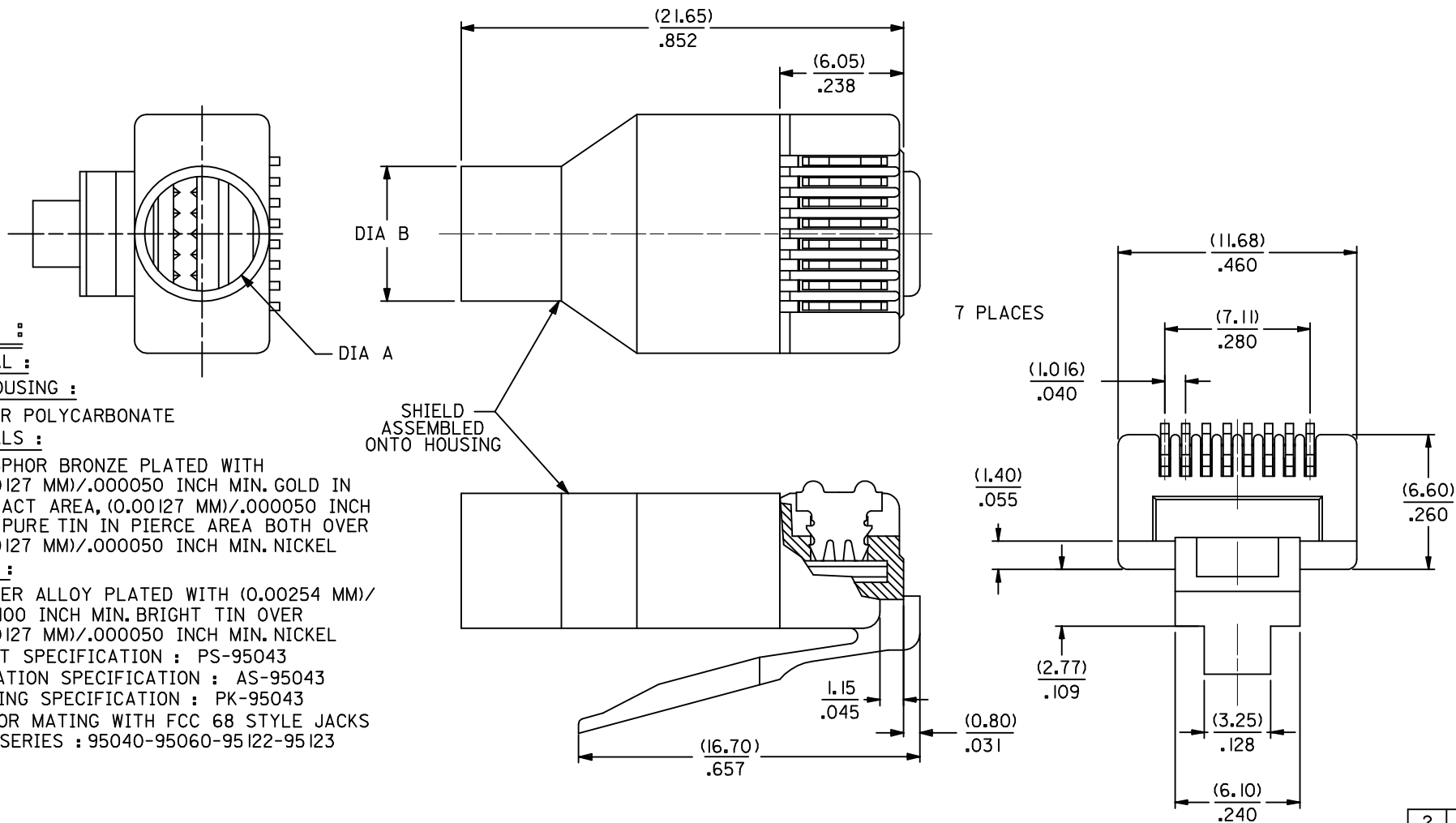
COPPER ALLOY PLATED WITH (0.00254 MM)/  
.000100 INCH MIN. BRIGHT TIN OVER  
(0.00127 MM)/.000050 INCH MIN. NICKEL

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



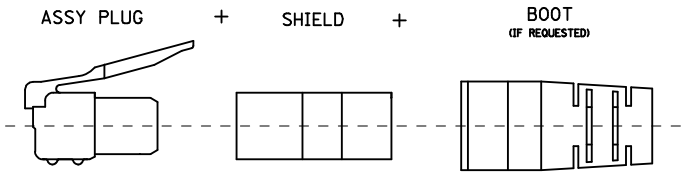
|   |   |
|---|---|
| 2 | J |
| 1 | K |

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

9 8 7 6 5 4 3 2 1

| ASSEMBLY<br>PART NUMBER | TOOLED | CABLE<br>DIAMETER     | BOOT |        |         | DIM A       | DIM B       | 'MG'<br>MARK | PARTS/<br>UNIT | PACKAGING<br>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          | 1000           | 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<br>EC NO: E2009-0512<br>2009/04/17<br>DRAWN: CARTON<br>CHKD:<br>2009/04/17<br>APPR: WALLACE<br>2009/04/17<br>REV | QUALITY SYMBOLS<br>▽=0<br>C=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                       | DIMENSION STYLE<br>MM/IN                                                                                                         |                      | SCALE<br>1:1              | DESIGN UNITS<br>METRIC                                          | THIRD ANGLE PROJECTION    |  |  |  |
|                                                                                                                               |                               |                                       | mm                    | INCH                                                                                                                             | DRAWN BY<br>CB       | DATE                      | TITLE<br>SHIELDED MODULAR PLUG<br>8 POSITION<br>FOR ROUND CABLE |                           |  |  |  |
|                                                                                                                               |                               | 4 PLACES ± --- ± ---                  | 3 PLACES ± --- ± .010 | 2 PLACES ± 0.25 ± .014                                                                                                           | 1 PLACE ± 0.35 ± --- | CHECKED BY<br>TB          | DATE                                                            | MOLEX INCORPORATED        |  |  |  |
|                                                                                                                               |                               | ANGULAR ± 2 °                         |                       |                                                                                                                                  |                      | APPROVED BY<br>FB         | DATE                                                            | MATERIAL NO.<br>SEE CHART |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                    |                               | SIZE<br>A3                            |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      | DOCUMENT NO.<br>SDA-95043 |                                                                 | SHEET NO.<br>2 OF 2       |  |  |  |



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.);

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- 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

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.