

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0855105018

Status:

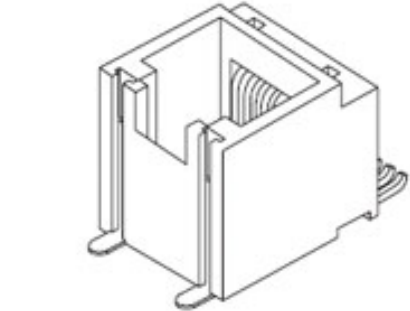
Active

Overview:

modular_plugs_jacks

Description:

Modular Jack, Vertical, SMT, 6/4, Solder Tabs



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL

E107635

General

Product Family

Series

Comments

Component Type

Magnetic

Overview

Performance Category

Power over Ethernet (PoE)

Product Name

Modular Jacks/Plugs

85510

Small Panel Cutout

PCB Jack

No

modular_plugs_jacks

3

N/A

RJ11

Physical

Boot Color

Color - Resin

Durability (mating cycles max)

Flammability

Inverted / Top Latch

Lightpipes/LEDs

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Ports

Positions / Loaded Contacts

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

Wire/Cable Type

N/A

Black

1,000

94V-0

No

None

Brass

Gold

Tin

High Temperature Thermoplastic

Vertical (Top Entry)

No

Yes

Embossed Tape on Reel

0.040 In

1.02 mm

0.050 In

1.27 mm

120.00, 50.8

1.27, 3.000

120.00, 76

1.9, 3.00

1

6/4

Yes

-40°C to +80°C

Surface Mount

No

N/A

Electrical

Current - Maximum per Contact

1.5A

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

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
85510Series

Mates With
FCC 68 Plugs

Shielded	No
Voltage - Maximum	125V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-85513-001
Packaging Specification	PK-85510
Sales Drawing	SD-85510-002

This document was generated on 06/07/2010

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10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

E

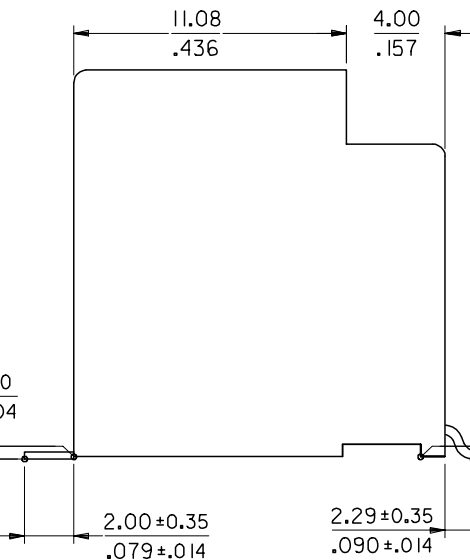
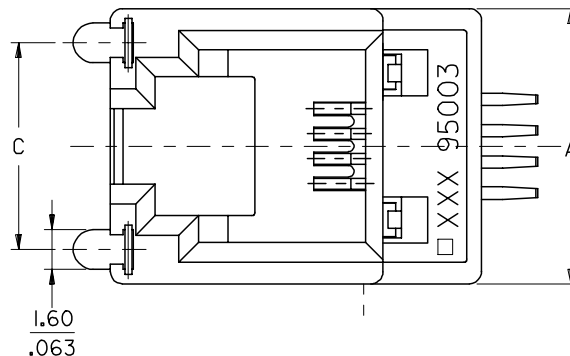
D

C

B

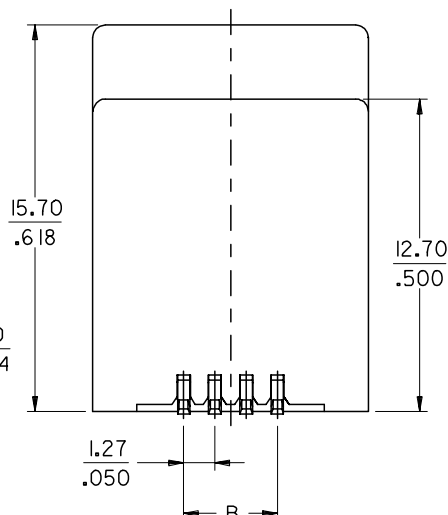
A

PART. NO.	HOUSING SIZE	LOADED CKTS	TOOLED	PACKAGING	A	B ± 0.15 $\pm .006$	C
85510-5003	8	8	YES	TAPE	15.24 .600	8.89 .350	10.77 .424
85510-5020	8	8	YES	BLISTER ON REEL 13"			
85510-5028	8	8	YES	BLISTER ON REEL 22"			
85510-5005	6	6	YES	TAPE	13.21 .520	6.35 .250	9.95 .392
85510-5019	6	6	YES	BLISTER ON REEL 13"			
85510-5027	6	6	YES	BLISTER ON REEL 22"			
85510-5013	6	4	NO	TAPE	13.21 .520	3.81 .150	9.95 .392
85510-5018	6	4	NO	BLISTER ON REEL 13"			
85510-5026	6	4	YES	BLISTER ON REEL 22"			
85510-5007	4	4	YES	TAPE	11.18 .440	3.81 .150	8.40 .331
85510-5017	4	4	YES	BLISTER ON REEL 13"			
85510-5025	4	4	YES	BLISTER ON REEL 22"			



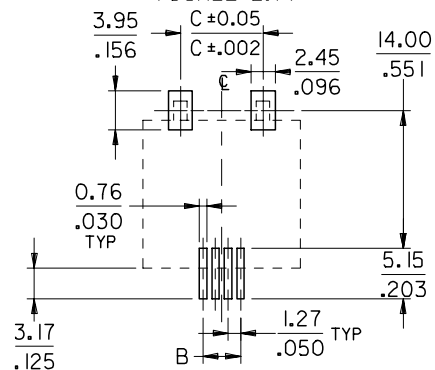
NOTES:

- 1- MATERIAL:
 - HOUSING: LCP FIBER GLASS FILLED UL 94-V0, COLOR BLACK.
 - TERMINAL: BRASS PLATED WITH: 0.00127/.000050 MIN. GOLD IN CONTACT AREA, 0.00190/.000075 MIN PURE TIN IN TAIL AREA, BOTH OVER 0.00127/.000050 MIN NICKEL OVERALL.
 - SOLDER NAILS: BRASS PRE-PLATED WITH 0.0020/.000078 MIN TIN
- 2- JACK FOR MATING WITH F.C.C.68 PLUGS (MOLEX 95075 SERIES).
- 3- PRODUCT SPECIFICATION PS-95503-001.
- 4- APPLICATION SPECIFICATION: AS-85513-001
- 5- PACKAGING SPECIFICATION: PK-85510
 - SHEET 1 (TAPE ON REEL)
 - SHEET 2 (BLISTER ON REEL 13")
 - SHEET 3 (BLISTER ON REEL 22")
- 6- COPLANARITY OF SIGNAL LEADS: 0.10 MAX
- 7- MANUFACTURING I.D CAN BE EITHER MG, MXF OR MXL.



PCB MOUNTING PATTERNS

(SEE FROM COMPONENT SIDE)
(SCALE 2:1)



(ONLY 4/4 VERSION PADS SHOWN)

CORRECTED TERM MATL
EC NO: E2008-0031
DRWN:DBYRNES
CHKD:
APPR:EOMAHONY
2007/07/23
2007/07/23
2007/07/26

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .006
2 PLACES	± 0.15	± .010
1 PLACE	± 0.25	± ---
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM/IN	
DRAWN BY	DATE
HB	95/11/21
CHECKED BY	DATE
TB	95/11/21
APPROVED BY	DATE
FB	95/11/21
MATERIAL NO.	
SEE CHART	
SIZE	A3

SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE		
TOP ENTRY SMT JACKS 4/4 6/6 AND 8/8 POS. WITH SOLDER NAILS		
MOLEX MOLEX INCORPORATED		
DOCUMENT NO. SD-85510-002		SHEET NO. 1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

Данный компонент на территории Российской Федерации

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Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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