

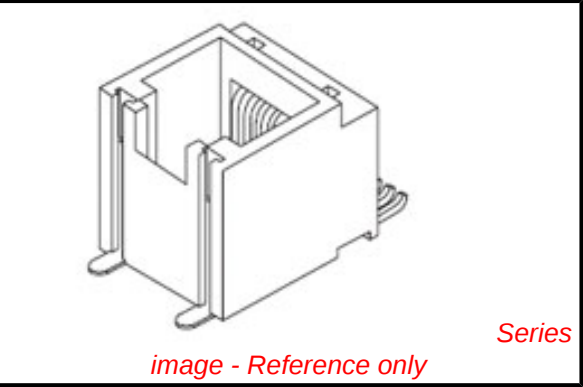
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:0855105019

Status:Active

Overview:modular_plugs_jacks

Description:Modular Jack, Vertical, SMT, 6/6, Solder Tabs



Documents:

3D ModelRoHS Certificate of Compliance (PDF)

Drawing (PDF)

Agency Certification

UL E107635

General

Product FamilyModular Jacks/Plugs

Series85510

CommentsSmall Panel Cutout

Component TypePCB Jack

MagneticNo

Overviewmodular_plugs_jacks

Performance Category3

Power over Ethernet (PoE)N/A

Product NameRJ11

Physical

Boot ColorN/A

Color - ResinBlack

Durability (mating cycles max)1,000

Flammability94V-0

Inverted / Top LatchNo

Lightpipes/LEDsNone

Material - MetalBrass

Material - Plating MatingGold

Material - Plating TerminationTin

Material - ResinHigh Temperature Thermoplastic

OrientationVertical (Top Entry)

PCB LocatorNo

PCB RetentionYes

Packaging TypeEmbossed Tape on Reel

Pitch - Mating Interface (in)0.040 In

Pitch - Mating Interface (mm)1.02 mm

Pitch - Term. Interface (in)0.050 In

Pitch - Term. Interface (mm)1.27 mm

Plating min: Mating (µin)120.00, 50.8

Plating min: Mating (µm)1.27, 3.000

Plating min: Termination (µin)120.00, 76

Plating min: Termination (µm)1.9, 3.00

Ports1

Positions / Loaded Contacts6/6

Surface Mount Compatible (SMC)Yes

Temperature Range - Operating-40°C to +80°C

Termination Interface: StyleSurface Mount

Waterproof / DustproofNo

Wire/Cable TypeN/A

Electrical

Current - Maximum per Contact1.5A

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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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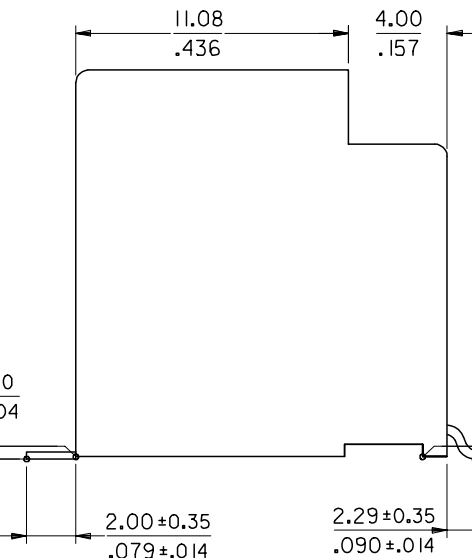
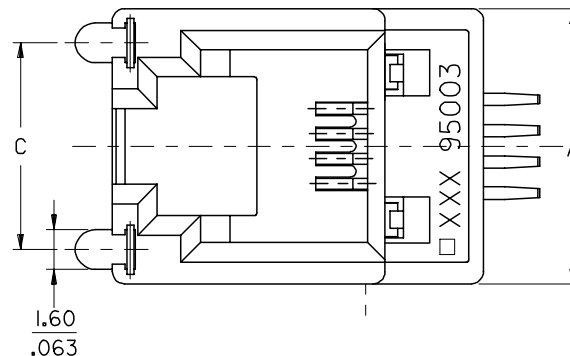
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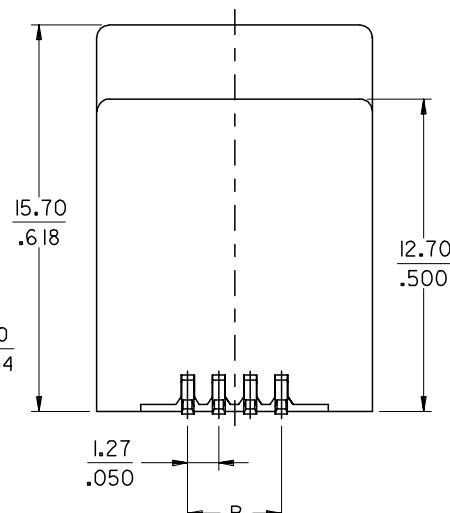
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PART. NO.	HOUSING SIZE	LOADED CKTS	TOOLED	PACKAGING	A	B ± 0.15 $\pm .006$	C
85510-5003	8	8	YES	TAPE	15.24 .600	8.89 .350	10.77 .424
85510-5020	8	8	YES	BLISTER ON REEL 13"			
85510-5028	8	8	YES	BLISTER ON REEL 22"			
85510-5005	6	6	YES	TAPE	13.21 .520	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"			



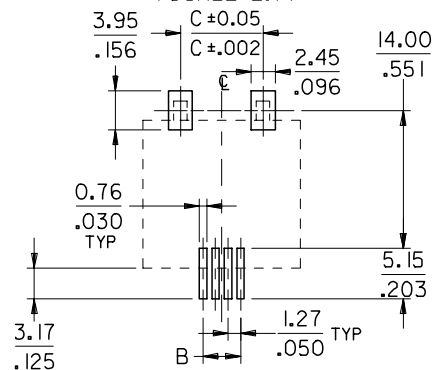
NOTES:

- 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
- JACK FOR MATING WITH F.C.C.68 PLUGS (MOLEX 95075 SERIES).
- PRODUCT SPECIFICATION PS-95503-001.
- APPLICATION SPECIFICATION: AS-85513-001
- PACKAGING SPECIFICATION: PK-85510
 - SHEET 1 (TAPE ON REEL)
 - SHEET 2 (BLISTER ON REEL 13")
 - SHEET 3 (BLISTER ON REEL 22")
- COPLANARITY OF SIGNAL LEADS: 0.10 MAX
- 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			
1 1 1  MOLEX INCORPORATED			
DOCUMENT NO. SD-85510-002			SHEET NO. 1 OF 1
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<http://moschip.ru/get-element>

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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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