

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0428784264

Status:

Active

Description:

Modular Jack, Vertical, Low Profile, 4/2, Panel Stops

Documents:

3D Model

Drawing (PDF)

Product Specification PS-42878 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E107635

General

Product Family

Series

Comments

Component Type

Magnetic

Performance Category

Power over Ethernet (PoE)

Product Name

Modular Jacks/Plugs

42878

Flush Mount|Flangeless|2 PCB Thick

PCB Jack

No

3

N/A

N/A

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

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Ports

Positions / Loaded Contacts

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

Wire/Cable Type

N/A

Black

500

94V-0

N/A

None

Phosphor Bronze

Gold

Tin

Polyester

Vertical (Top Entry)

Yes

Yes

0.125 In

3.18 mm

Tray

0.040 In

1.02 mm

0.050 In

1.27 mm

1

4/4

No

-40°C to +85°C

Through Hole

No

N/A

Electrical

Current - Maximum per Contact

Shielded

Voltage - Maximum

1.5A

No

150V AC (RMS)

Solder Process Data

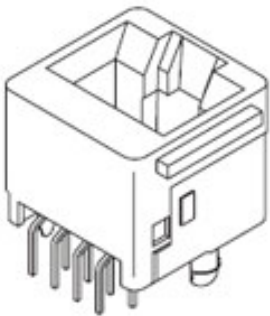


image - Reference only

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

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

42878Series

Mates With

FCC 68 Plugs

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-42878-492
Product Specification	PS-42878
Sales Drawing	SDA-42878-****
Test Summary	TS-42878-001

This document was generated on 06/07/2010

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1b_frame_D_P_ME_T
Rev. E 2006/04/15

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M	X*-NOT TOOLED	ASSEMBLY NUMBER	PART CHARACTERISTICS					X*-NOT TOOLED	ASSEMBLY ITEM NUMBER	PART CHARACTERISTICS				CHARACTERISTICS LEGEND							
		EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P. C. BOARD THICKNESS	MOUNTING EARS OPTION			EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P. C. BOARD THICKNESS	MOUNTING EARS OPTION	EXTERNAL CONNECTOR BODY DIMENSIONS: AVAILABLE IN 4, 6, AND 8 POSITION BODY									
												NUMBER OF CONTACT POSITIONS: CONNECTOR SIZE 4 ACCOMMODATES 2, 4, OR 6 TERMINALS, CONNECTOR SIZE 6 ACCOMMODATES 2, 4, OR 6 TERMINALS, CONNECTOR SIZE 8 ACCOMMODATES 2, 4, 6, 8, OR 10 TERMINALS									
L	42878-4216	4 POS. BODY	4	.062	YES			42878-6216	6 POS. BODY	6	.062	YES	POLARIZATION OPTION: (AVAILABLE ON CONNECTOR SIZE 8 ONLY) *NO*= WITHOUT KEYING SLOT *YES*= WITH KEYING SLOT								
	42878-4218	↑	4	.062	NO			42878-6218	↑	6	.062	NO	MOUNTING EARS OPTION: *YES*= PART WITH MOUNTING EARS *NO*= PART WITHOUT MOUNTING EARS								
	42878-4264		4	.125	YES			42878-6264		6	.125	YES	(SEE SHEET 1 & 2 FOR PART DESCRIPTIONS AND DIMENSIONS)								
	42878-4266		4	.125	NO			42878-6266		6	.125	NO									
	42878-4360		2	.062	YES			42878-6360		4	.062	YES									
	42878-4362		2	.062	NO			42878-6362		4	.062	NO									
K	42878-4408	↓	2	.125	YES			42878-6408		4	.125	YES									
	42878-4410	4 POS. BODY	2	.125	NO			42878-6410		4	.125	NO									
								42878-6504		2	.062	YES									
								42878-6506		2	.062	NO									
								42878-6552	↓	2	.125	YES									
								42878-6554	6 POS. BODY	2	.125	NO									
J																					
I																					
H																					
G																					
F																					
E																					
D																					
C																					
B																					
A																					
to frame D.P.M.E.T. Rev. C 2002/05/05 19181716151413121110987654321 SEE SHEET ONE EC NO: UCP2004-1617 DRAWNLSCHMIDT 2004/03/03 CHKDLSCHMIDT 2004/03/03 APPR.FSMITH 2004/03/03 H QUALITY SYMBOLS ▽.0 ▽.0 GENERAL TOLERANCES (UNLESS SPECIFIED) mmINCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SCALE --- INCH DIMENSION STYLE IN/MM DRAWN BY DATE BAP 1992/04/09 CHECKED BY DATE BAP 1992/04/09 APPROVED BY DATE RAS 1992/04/09 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION THIRD ANGLE PROJECTION REVISE ON CAD ONLY TITLE ASSEMBLY, VERTICAL LOW PROFILE MODULAR JACKS (CONNECTOR SIZE 4 & 6) MOLEX MOLEX INCORPORATED MATERIAL NO. DOCUMENT NO. SHEET NO. 4 OF 5 D																					

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9