

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0008500189

Status:

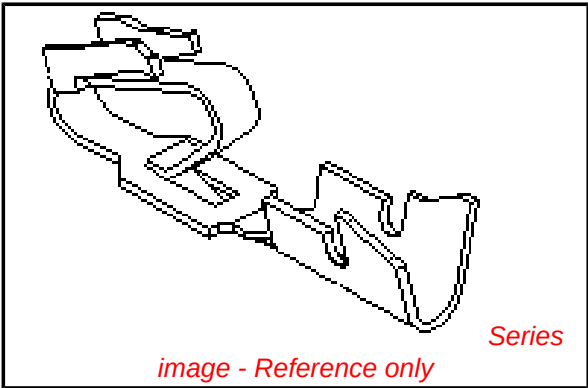
Active

Overview:

kk

Description:

Trifurcon™ Crimp Terminal 6838, 18-20 AWG, Bag, Brass Tin (Sn)



Documents:

Drawing (PDF)

Product Specification PS-40-02 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	6838
Crimp Quality Equipment	Yes
Overview	kk
Product Name	Trifurcon™
Physical	
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Bag
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.50
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.50
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.79mm (.110") max.
Wire Size AWG	18, 20
Wire Size mm²	N/A
Material Info	
Old Part Number	6838-(P909)L
Reference - Drawing Numbers	
Packaging Specification	PK-2759-001
Product Specification	PS-40-02
Sales Drawing	SD-6838

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

6838Series

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

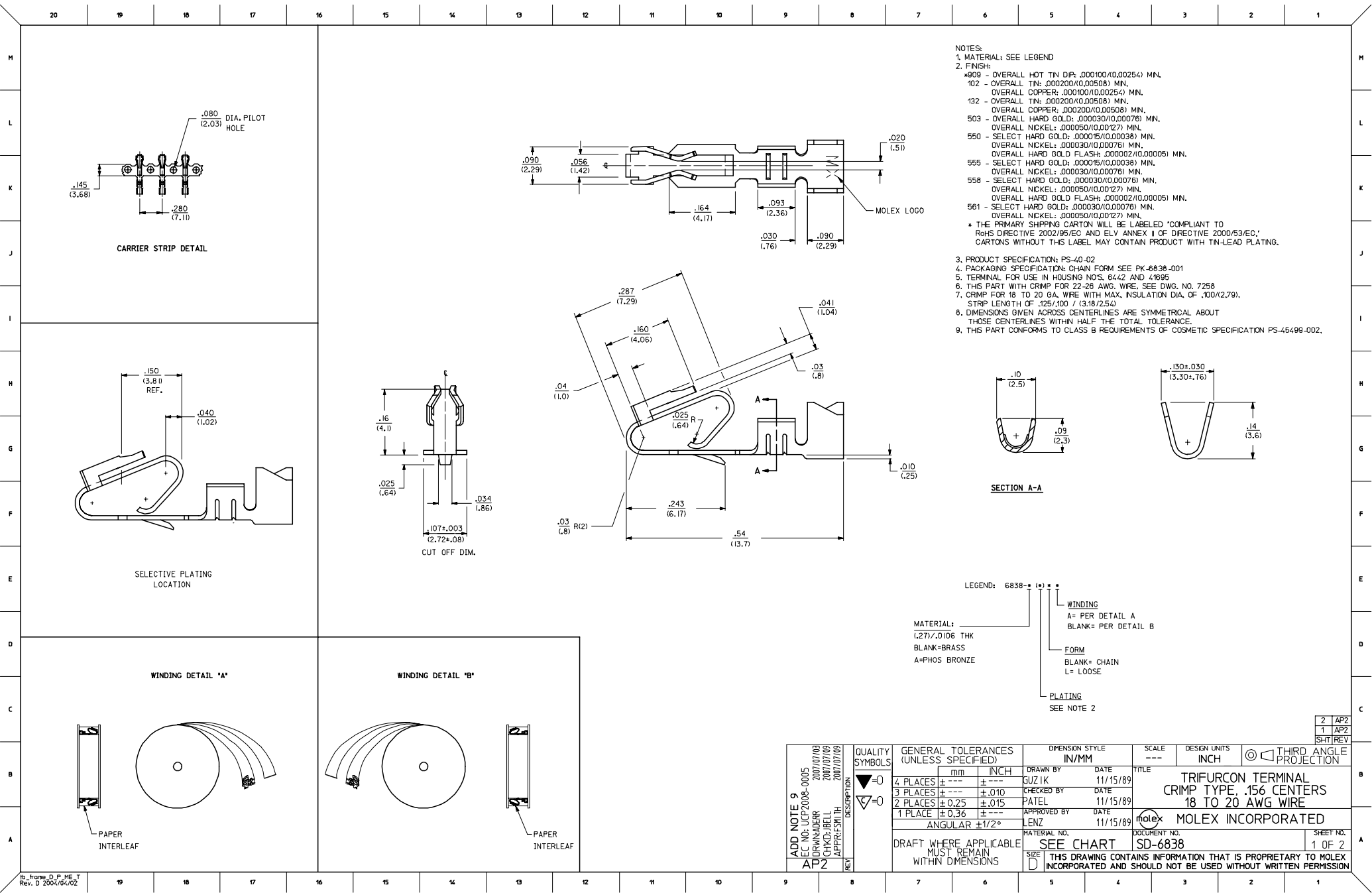
Description

Product #

Hand Crimper

0638117500

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- NOTES:
1. MATERIAL: SEE LEGEND
 2. FINISH:
 - *909 - OVERALL HOT TIN DIP: .000100/(0.00254) MIN.
 - 102 - OVERALL TIN: .000200/(0.00508) MIN.
 - OVERALL COPPER: .000100/(0.00254) MIN.
 - 132 - OVERALL TIN: .000200/(0.00508) MIN.
 - OVERALL COPPER: .000200/(0.00508) MIN.
 - 503 - OVERALL HARD GOLD: .000030/(0.00076) MIN.
 - OVERALL NICKEL: .000050/(0.00127) MIN.
 - 550 - SELECT HARD GOLD: .000015/(0.00038) MIN.
 - OVERALL NICKEL: .000030/(0.00076) MIN.
 - OVERALL HARD GOLD FLASH: .000002/(0.00005) MIN.
 - 555 - SELECT HARD GOLD: .000015/(0.00038) MIN.
 - OVERALL NICKEL: .000030/(0.00076) MIN.
 - 558 - SELECT HARD GOLD: .000030/(0.00076) MIN.
 - OVERALL NICKEL: .000050/(0.00127) MIN.
 - OVERALL HARD GOLD FLASH: .000002/(0.00005) MIN.
 - 561 - SELECT HARD GOLD: .000030/(0.00076) MIN.
 - OVERALL NICKEL: .000050/(0.00127) MIN.
 - * THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC." CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.
 3. PRODUCT SPECIFICATION: PS-40-02
 4. PACKAGING SPECIFICATION: CHAIN FORM SEE PK-6838-001
 5. TERMINAL FOR USE IN HOUSING NOS. 6442 AND 41695
 6. THIS PART WITH CRIMP FOR 22-26 AWG. WIRE. SEE DWG. NO. 7258
 7. CRIMP FOR 18 TO 20 GA. WIRE WITH MAX. INSULATION DIA. OF .100/(2.79). STRIP LENGTH OF .125/100 / (3.18/2.54)
 8. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
 9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

LEGEND: 6838--(*)

MATERIAL:
(.27)/.0106 THK
BLANK=BRASS
A=PHOS BRONZE

WINDING
A= PER DETAIL A
BLANK= PER DETAIL B

FORM
BLANK= CHAIN
L= LOOSE

PLATING
SEE NOTE 2

ADD NOTE 9 EC NO: UCP2008-0005 DRAWN BY: 2007/07/03 CHKD: BELL APPROV: JH 2007/07/09	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---		DESIGN UNITS INCH		 THIRD ANGLE PROJECTION	TITLE TRIFURCON TERMINAL CRIMP TYPE, .156 CENTERS 18 TO 20 AWG WIRE MOLEX INCORPORATED	SHEET NO. 1 OF 2				
		mm INCH		DRAWN BY DATE		TITLE										
		4 PLACES ±.005 ±.005		GUZIK 11/15/89												
		3 PLACES ±.010 ±.010		CHECKED BY DATE												
		2 PLACES ±.025 ±.015		PATEL 11/15/89												
		1 PLACE ±.036 ±.020		APPROVED BY DATE												
		ANGULAR ±1/2°		LENZ 11/15/89												
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		RATURAL NO. SEE CHART		DOCUMENT NO. SD-6838										
		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																												
	6838-(*)*-*			6838-A(*)*-*																																												
M	PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.	M																											
	08-50-0187	6838-(P909)																																														
	08-50-0189	6838-(P909)L		08-58-0187	6838-A(P558)																																											
	08-50-0275	6838-(P909)-A		08-58-0189	6838-A(P558)L																																											
	08-50-0026	6838-(P102)		08-60-0001	6838-A(132)																																											
L		6838-(P102)L		08-60-0002	6838-A(132)L																L																											
	08-50-0028	6838-(102)		08-58-0102	6838-A(558)																																											
	08-50-0029	6838-(102)L			6838-A(558)L																																											
				08-58-0108	6838-A(503)																																											
				08-58-0109	6838-A(503)L																																											
				08-52-0112	6838-A(P909)																																											
				08-52-0113	6838-A(P909)L																																											
K				08-50-0024	6838-A(102)																K																											
				08-50-0251	6838-A(102)L																																											
				08-58-0105	6838-A(P555)																																											
				08-58-0106	6838-A(P555)L																																											
				08-58-0110	6838-A(P561)																																											
				08-58-0111	6838-A(P561)L																																											
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				08-58-0131	6838-A(550)																																											
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B	UPDATE TITLE BLOCK EC NO: UCP-2008-0005 DESIGNED BY: JORMAN ADERR CHKD: J.BELL APPROVED BY: J.M. TH DATE: 2007/07/03 DATE: 2007/07/09 DATE: 2007/07/09 QUALITY SYMBOLS ▽=0 ▽=0 DESCRIPTION REV GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .005</td><td>± .0004</td></tr><tr><td>3 PLACES</td><td>± .008</td><td>± .0005</td></tr><tr><td>2 PLACES</td><td>± .010</td><td>± .0006</td></tr><tr><td>1 PLACE</td><td>± .015</td><td>± .0008</td></tr></table> ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>GUZIK</td><td>11/15/89</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>PATEL</td><td>11/15/89</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>LENZ</td><td>11/15/89</td></tr></table> MATERIAL NO. SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE TRIFURCON TERMINAL CRIMP TYPE, .156 CENTERS 18 TO 20 AWG WIRE MOLEX INCORPORATED DOCUMENT NO. SD-6838 SHEET NO. 2 OF 2																						mm	INCH	4 PLACES	± .005	± .0004	3 PLACES	± .008	± .0005	2 PLACES	± .010	± .0006	1 PLACE	± .015	± .0008	DRAWN BY	DATE	GUZIK	11/15/89	CHECKED BY	DATE	PATEL	11/15/89	APPROVED BY	DATE	LENZ	11/15/89
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UPDATE TITLE BLOCK
REC NO: UCP2008-0005
2007/07/03
DRAWN BY
CHKD-BELL
2007/07/09
APPROVED BY
2007/07/09

QUALITY SYMBOLS
▽=0
▽=0

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY
GUZIK
DATE
11/15/89

CHECKED BY
DATE
11/15/89

APPROVED BY
LENZ
DATE
11/15/89

MATERIAL NO.

DOCUMENT NO.

SCALE

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

TITLE
TRIFURCON TERMINAL
CRIMP TYPE, .156 CENTERS
18 TO 20 AWG WIRE

MOLEX
MOLEX INCORPORATED

SD-6838

SHEET NO.
2 OF 2

SIZE
D

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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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