

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)

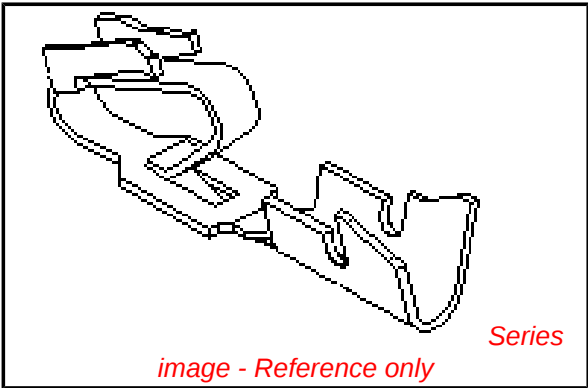


image - Reference only

Series

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

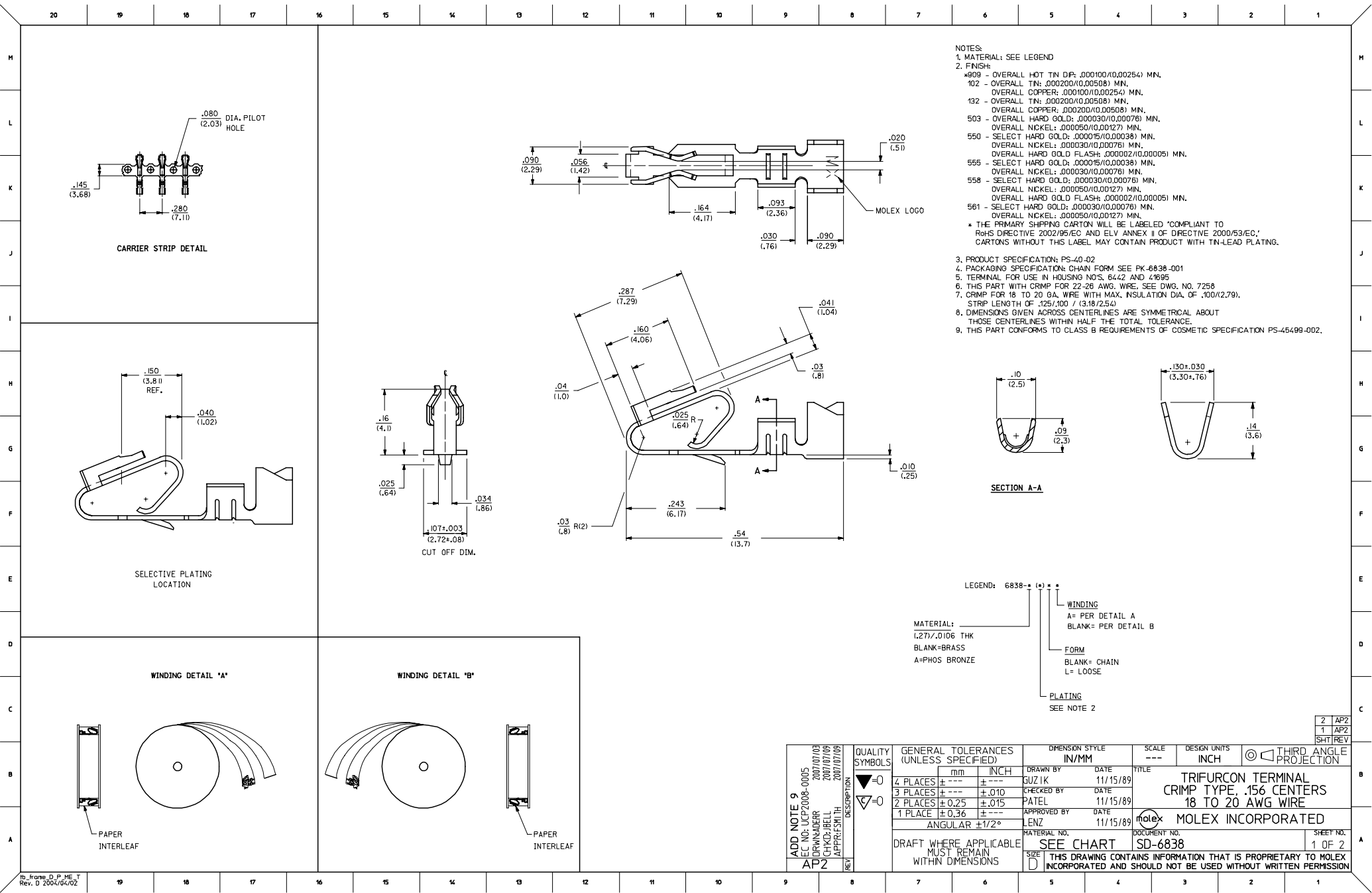
6838Series

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.

SECTION A-A

- 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 2007/07/09 APPROV: JH 2007/07/09 AP2	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	B		
	▽=0 ▽=0			DRAWN BY	DATE	TITLE					
		4 PLACES ± --- ± ---		GUZIK	11/15/89	TRIFURCON TERMINAL					
		3 PLACES ± --- ± .010		CHECKED BY	DATE	CRIMP TYPE, .156 CENTERS					
		2 PLACES ± 0.25 ± .015		PATEL	11/15/89	18 TO 20 AWG WIRE					
		1 PLACE ± 0.36 ± ---		APPROVED BY	DATE	MOLEX INCORPORATED					
	ANGULAR ± 1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.						
	DRAFT WHERE APPLICABLE			SEE CHART		SD-6838		1 OF 2			
	MUST REMAIN WITHIN DIMENSIONS			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																	
J																					J	
				08-58-0118	6838-A(561)																	
				08-58-0119	6838-A(561)L																	
				08-58-0131	6838-A(550)																	
				08-58-0132	6838-A(550)L																	
I																					I	
H																					H	
G																					G	
F																					F	
E																					E	
D																					D	
C																					C	
B																					B	
A																					A	

UPDATE TITLE BLOCK EC NO: UCP-2008-0005 DRAWN BY: JORNADEER CHKD: BELL APPROV: SM TH 2007/07/09 2007/07/09 2007/07/09	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr></table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	DIMENSION STYLE IN/MM		SCALE --- INCH		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
				mm	INCH																				
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			3 PLACES	± ---	± ---																				
2 PLACES	± ---	± ---																							
1 PLACE	± ---	± ---																							
DRAWN BY GUZIK 11/15/89		DATE		TITLE		TRIFURCON TERMINAL CRIMP TYPE, .156 CENTERS 18 TO 20 AWG WIRE																			
CHECKED BY PATEL 11/15/89		DATE		APPROVED BY LENZ 11/15/89		DATE		MOLEX INCORPORATED																	
MATERIAL NO.		SEE CHART		DOCUMENT NO.		SD-6838		SHEET NO. 2 OF 2																	
SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							

10	9	8	7	6	5	4	3	2	1
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19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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10 Frame D.P.M.E.T
Rev. E 2006/04/15

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 DATE
GUZIK 11/15/89
CHECKED BY DATE
PATEL 11/15/89
APPROVED BY DATE
LENZ 11/15/89
MATERIAL NO.
DOCUMENT NO.

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

SCALE

INCH
DESIGN UNITS
INCH
THIRD ANGLE
PROJECTION

SD-6838
SHEET NO.
2 OF 2

SIZE
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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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