63862-1 ✔ ACTIVE

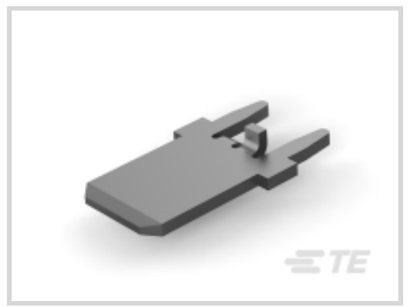
FASTON | FASTON 250

TE Internal #: 63862-1

FASTON 250, PCB Terminals, Tab, Mating Tab Width 6.35 mm [.25 in], PCB Hole Diameter 1.32 mm [.052 in], Through Hole - Solder, Tin Plating, Brass

View on TE.com >

Terminals & Splices > PCB Terminals





PCB Terminal Type: **Tab**

PCB Thickness (Recommended): **1.57 – 2.36 mm [.062 – .093 in]**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

PCB Hole Diameter: **1.32 mm [.052 in]**

Features

Configuration Features

Stud Hole	No
Terminal Angle	180 °

Contact Features

Contact Plating Material	Tin
PCB Terminal Type	Tab
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Plating Material	Tin
Contact Underplating Material	Brass
Terminal Size	6.35
Terminal Orientation	Straight

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Extension Below Board	3.81 mm[.15 in]
Receptacle Terminal Stock Thickness	.81 mm[.032 in]
PCB Thickness (Recommended)	1.57 – 2.36 mm[.062 – .093 in]
PCB Hole Diameter	1.32 mm[.052 in]
Profile Height from PCB	10.21 mm[.402 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-30 – 110 °C[-22 – 230 °F]

Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Other

Comment	Insertion equipment available.

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

TE Part # 1217861-1
250 FASTON,PCB TAB,TCBR

TE Part # 1217133-1
187 FASTON,PCB TAB,TNBR

TE Part # 63986-1
250 FASTON TAB TPBR

TE Part # 1217127-1
250 FASTON,PCB TAB,TPBR

TE Part # 1217566-1
250 FASTON,PCB TAB,TCBR

TE Part # 63824-1
250 FASTON TAB TPBR

TE Part # 1217126-1
250 FASTON,PCB TAB,TPBR

TE Part # 1217125-1
250 FASTON,PCB TAB,TPBR

TE Part # 1742361-1
187 FASTON,PCB TAB,TPBR

TE Part # 1217566-2
250 FASTON,PCB TAB,TCBR

TE Part # 1217539-1
250 FASTON,PCB TAB,TCBR

Also in the Series | FASTON 250

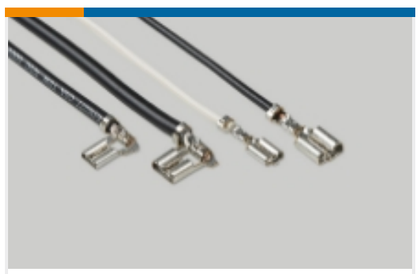
Compression Connectors(4)

Crimp Terminal Housings(143)

Insertion & Extraction Tools(6)

Magnet Wire Terminals(1)

PCB Terminals(144)

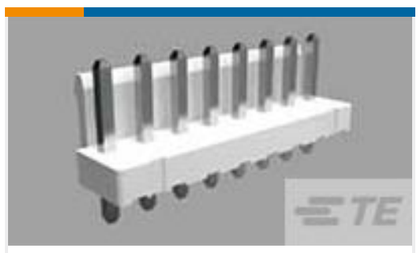


Quick Disconnects(456)

Splices(4)

Customers Also Bought

TE Part #5-146254-4
08 MODII HDR DRST B/A .100CL



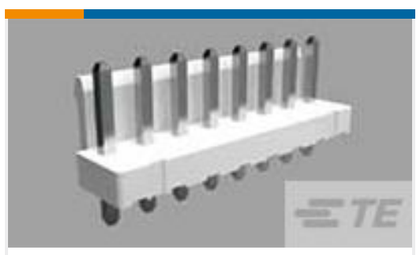
TE Part #1744037-4
04P EC PWR.200 CL HDR ASSY VRT

TE Part #2-1123723-4
3.96 EP HDR ASSY 4P(YELLOW)

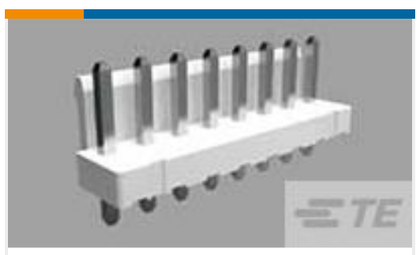
TE Part #5-1879354-7
RR03 5% 68R AMMO

TE Part #3-1879354-3
RR03 5% 6R8 AMMO

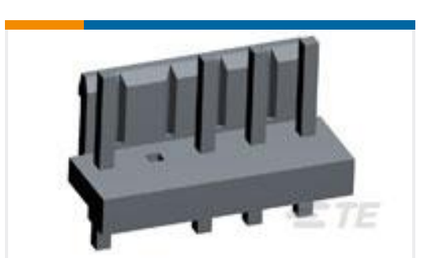
TE Part #1744418-7
7 POS EP 2.5 HDR, GLOW WIRE



TE Part #1-1744037-0
10P EC PWR.200 CL HDR ASSY VRT



TE Part #1-1744037-2
12P EC PWR.200 CL HDR ASSY VRT



TE Part #6-1717011-4
EP CONN.HDR ASSY 4/5POS-W/O NO.2

TE Part #3-1744524-9
9P EP HEADER , PIN#6 OMITTED

Documents

Product Drawings

250 FASTON TAB TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63862-1_R_c-63862-1-r.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63862-1_R_c-63862-1-r.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63862-1_R_c-63862-1-r.3d_stp.zip

English

Datasheets & Catalog Pages

FASTON PCB Tabs and Receptacles

English

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

Product Specifications

Application Specification

English

Application Specification

English

Product Environmental Compliance

MD_63862-1_10262018658_dmtec

English

MD_63862-1_10262018658_dmtec

English

Agency Approvals

CSA Certificate

English

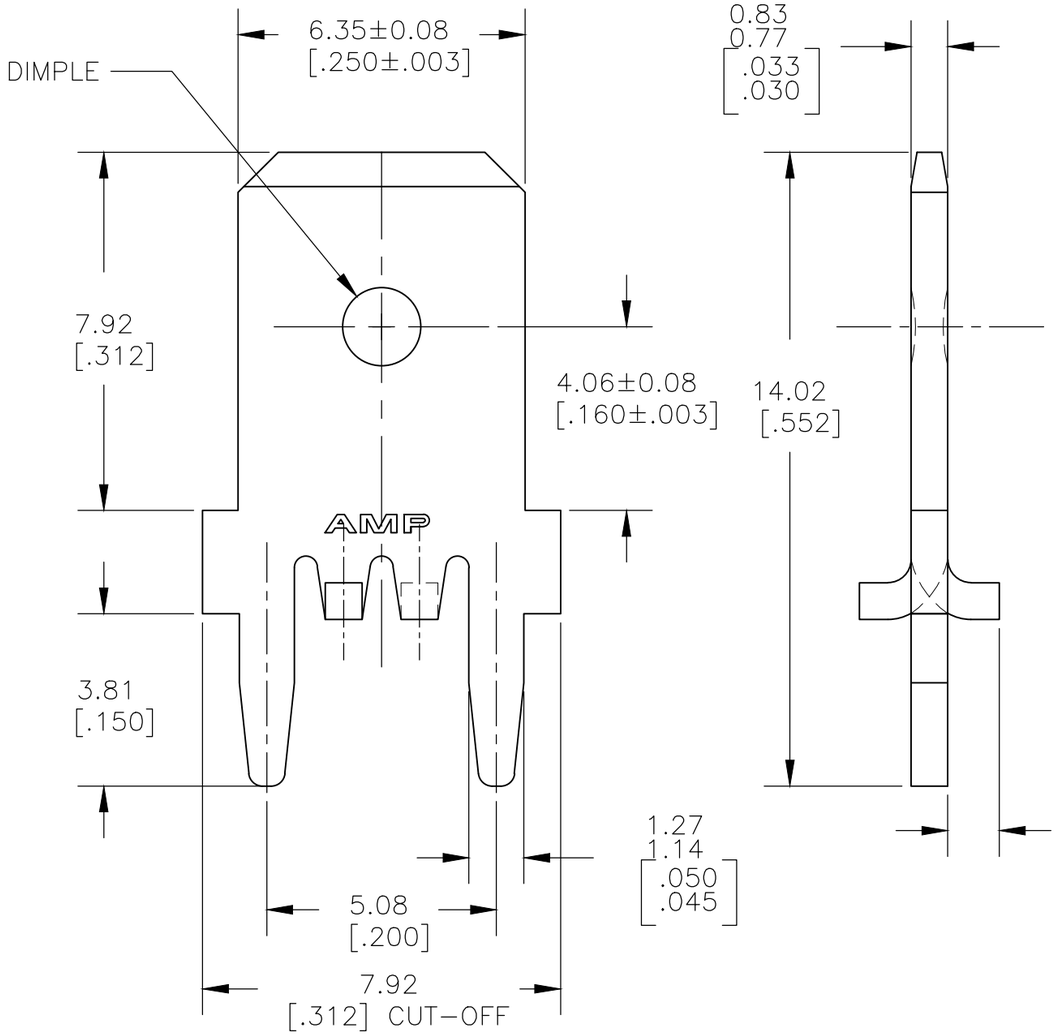
CSA Certificate

English

LOC	DIST
AF	50

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H1	REVISED PER ECR-18-017165	16NOV2018	BDA	LB

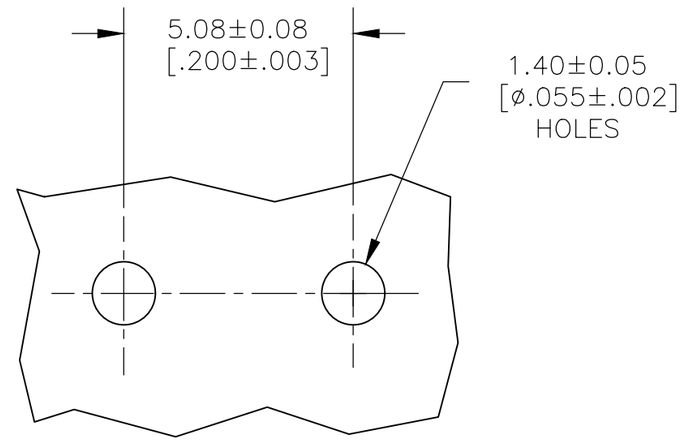


1 CONTINUOUS STRIP ON REELS.

△2 TIN PLATE 0.00381 [.000150] MIN OVER 0.00127 [.000050] MIN THK NICKEL.

△3 BRASS

△4 BRASS, SPECIAL HARD



P.C. BOARD HOLE PATTERN

△4	63862-2
△3	63862-1
MATERIAL	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± –
2 PLC	± 0.25 [.010]
3 PLC	± –
4 PLC	± –
ANGLES	± –

MATERIAL: SEE TABLE

FINISH: △2

DWN	JR RUTH	20FEB01
CHK	MS FEHER	20FEB01
APVD	N DEIBERT	20FEB01
PRODUCT SPEC	–	
APPLICATION SPEC	114-2115	
WEIGHT	–	

TE Connectivity

NAME: TAB, FASTON, P.C.BOARD 6.35 [.250]

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-63862	–

CUSTOMER DRAWING | SCALE 8:1 | SHEET 1 OF 1 | REV H1