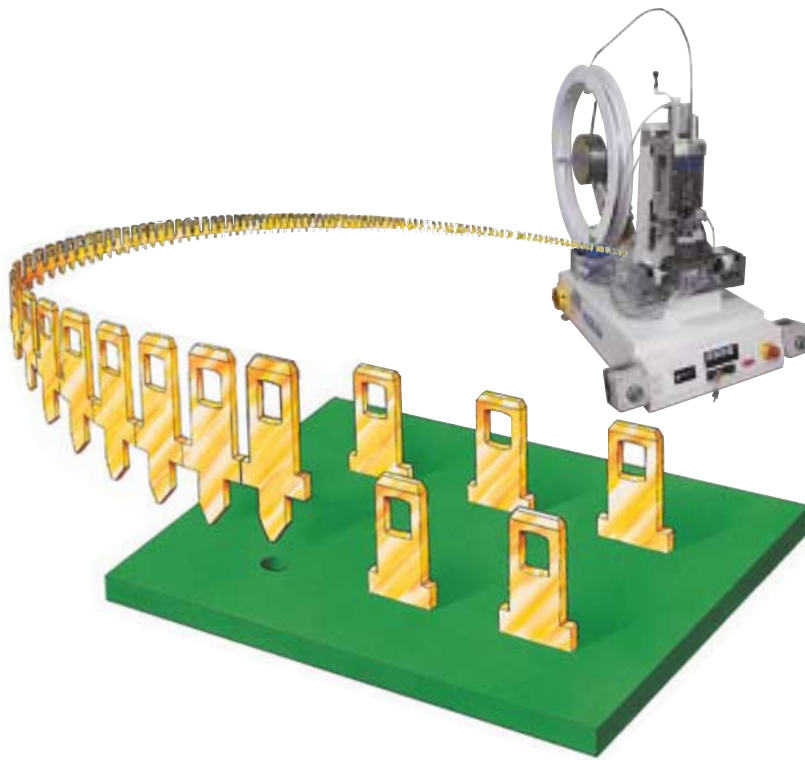


Precision Stamped Terminals (Tabs)

AUTO TAB-AUTOLUG



The AutoTab system automatically inserts pre-stamped terminals directly into printed circuit boards, bobbins, housings or other substrates. Autosplice insertion systems feed, cut and install the terminals in one simultaneous operation which typically generates no scrap. Autosplice offers several standard platforms of assembly equipment to meet all levels of production.

Standard Products

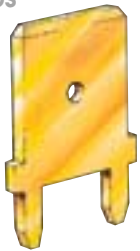
AutoTab® terminals are stamped from a continuous strip of material with the use of precision, progressive dies and then post plated to provide optimum solderability and corrosion resistance. The terminal is then reeled ready for machine insertion. Autosplice offers a family of standard parts. Products are designed for use in the automotive, electrical, telecommunications and electronics industries.

AutoTab-Terminals

AutoTab (I+II) terminals are fed into the machine horizontally, whereas AutoLug terminals are fed vertically.

Tab Product Examples

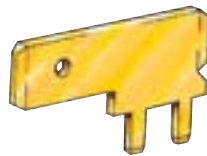
Vertical Male Tabs



Automotive Tabs



Horizontal Male Tabs



Standoffs



Test Points



Vertical Posts



Horizontal Posts



Bobbin Posts



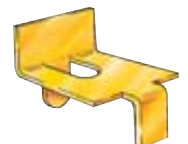
IOC



Transformer Terminals



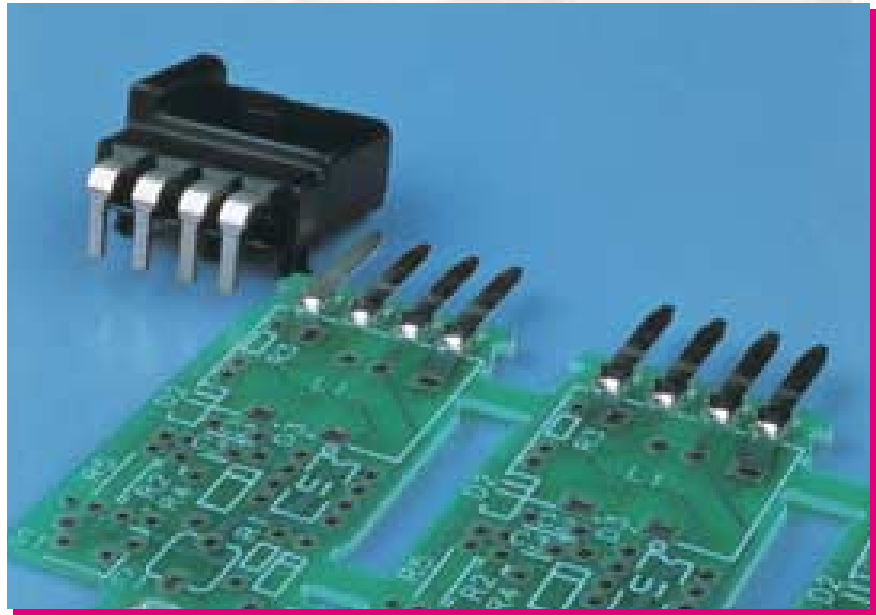
Special Terminals



Precision Stamped Terminals (Tabs)

Terminal Specifications

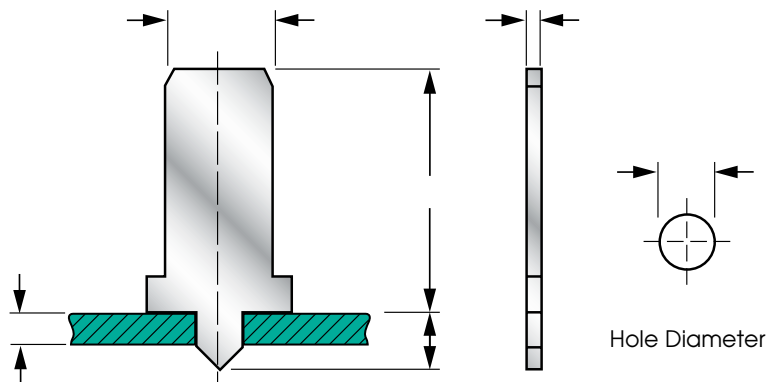
Alloys and plating of terminals in catalog are: CuZn 30 with 0.0030 (.00012) tin/lead plating over 0.0013 (.00005) nickel plating (solderability in accordance with MIL/STD 202F). Alloys such as phosphor bronze, aluminum, cupro nickel, and stainless steel are available on special order. Platings such as gold are also available. Terminals are packaged end to end on single reels. Individual terminals available on special order.



Important Dimensions for Orders

All the listed terminals can be delivered from existing stamping tools. Custom designs entail one time tool costs. Send us your enquiry. Terminals are supplied as pre-stamped continuous material on reels.

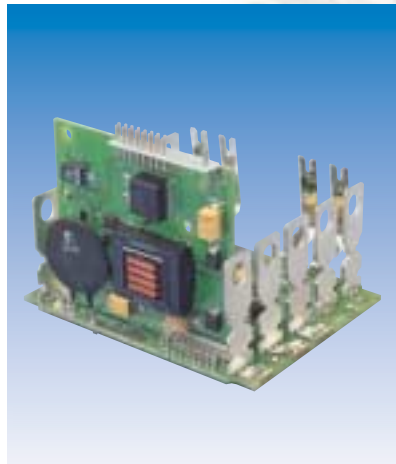
We can produce terminals according to your design - send us your drawing specifying the following dimensions:



Typical Applications



Terminals Inserted with 45° Rotation

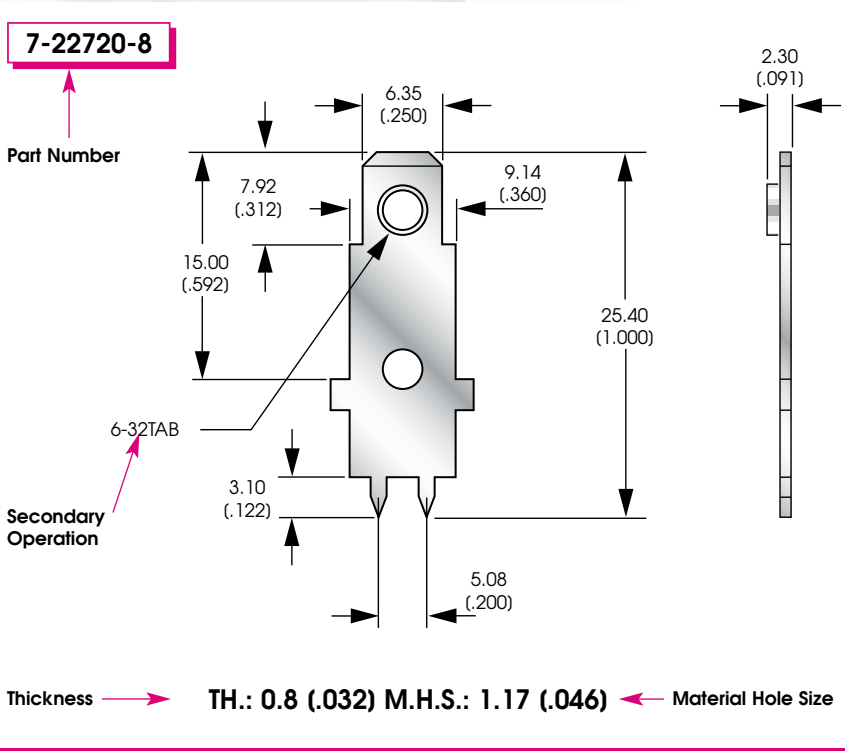


AutoTab Tooling Head Inserting Quick Disconnect Terminal



Precision Stamped Terminals (Tabs)

AUTOTAB-AUTOLUG



How to Read the Tab Illustrations

This catalogue contains standard tab terminal illustrations, as shown on pages.

Custom and special terminals can also be produced.

- **Part Number** (First Number) - 7-series are horizontally-fed tabs. 6-series are vertically-fed lugs.
- **Thickness-TH.:** 0.8mm (.032) - The last number of the part number denotes thickness in 0.1 (0.40). All dimensions shown in millimetres, (inches shown in brackets).
- **Material Hole Size M.H.S.** (Finished) For tin/lead plated through holes in 1.6mm thick FR 4 PC is shown in millimetres and inches
- **Secondary Operation** The hole in this illustration is threaded (6-32 TAB).

Tab & Lug Index

Code A: Items available at short notice

Code B: Allow 7 - 12 weeks for delivery

Post Terminal TAB Code A

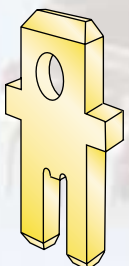
7 - 08040 - 5	Horizontal post terminal 2.8 (0.11)
7 - 08150 - 5	Vertical post terminal 2.8 (0.11)
7 - 08150 - 8	Vertical post terminal 2.8 (0.11)
7 - 13330 - 8	Vertical post terminal 6.3 (0.25)
7 - 1334A - 8	Vertical post terminal 4.8 (0.19)
7 - 22550 - 8	Horizontal post terminal 6.3 (0.25)
7 - 23220 - 8	Horizontal post terminal 6.3 (0.25)
7 - 23250 - 8	Vertical post terminal 4.8 (0.19)
7 - 23260 - 4	Vertical post terminal 6.3 (0.25)
7 - 23270 - 6	Solder post 2.8 (0.11)
7 - 24070 - 4	Vertical post terminal 6.0 (0.24)
7 - 24101 - 8	Vertical post terminal 6.3 (0.25)
7 - 24160 - 6	Vertical post terminal 1.7 (0.07)
7 - 24161 - 6	Vertical post terminal 1.0 (0.04)
7 - 24170 - 8	Vertical post terminal 1.5 (0.06)
7 - 24440 - 8	Vertical post terminal 4.8 (0.19)
7 - 24460 - 8	Vertical post terminal 6.3 (0.25)
7 - 24470 - 8	Vertical post terminal 2.8 (0.11)

Post Terminal LUG Code B

6 - 15090 - 8B	Horizontal post terminal
6 - 15410 - 6B	Horizontal post terminal
6 - 22290 - 6B	Horizontal post terminal
6 - 24620 - 6B	Fuse holder ø5 (0.20)

Post Terminal TAB Code B

7 - 04910 - 8	Horizontal post terminal 6.3 (0.25)
7 - 07570 - 5	Solder post 2.8 (0.11)
7 - 0815A - 8	Horizontal post terminal
7 - 1334A - 5	Vertical post terminal 4.8 (0.19)
7 - 1334B - 5	Vertical post terminal 4.8 (0.19)
7 - 1334B - 8	Vertical post terminal 4.8 (0.19)
7 - 15780 - 8	Vertical post terminal 5.9 (0.23)
7 - 16150 - 8	Solder post 2.8 (0.11)
7 - 20610 - 8	Vertical post terminal 6.3 (0.25)
7 - 20630 - 6	Solder post 2.3 (0.09)
7 - 21120 - 8	IDC contact
7 - 21270 - 5	Solder post 2.4 (0.09)
7 - 21820 - 8	Solder post 3.3 (0.13)
7 - 21880 - 8	Vertical post terminal 2.1 (0.08)
7 - 22080 - 8	Solder post 2.8 (0.11)
7 - 22461 - 5	Solder post 2.6 (0.10)
7 - 22461 - 8	Solder post 2.6 (0.10)
7 - 22490 - 8	Horizontal post terminal 4.8 (0.19)
7 - 22830 - 8	Horizontal post terminal 4.8 (0.19)
7 - 22870 - 5	Vertical post terminal 2.8 (0.11)
7 - 22950 - 8	Horizontal post terminal
7 - 22960 - 8	Horizontal post terminal 2.8 (0.11)
7 - 24050 - 8	Vertical post terminal 5.0 (0.20)
7 - 24100 - 8	Vertical post terminal 6.3 (0.25)



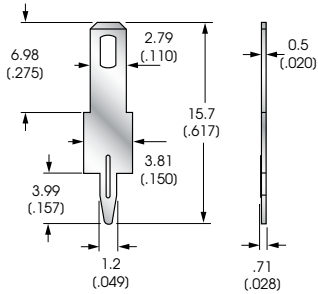
5.3

Precision Stamped Terminals (Tabs)

Code B

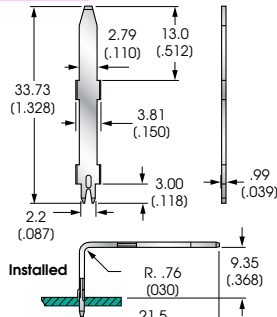
AUTO TAB-AUTO LUG

7-22870-5



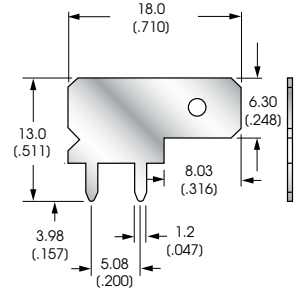
TH.: .5 (.020) M.H.S.: 1.12 (.044)

7-22960-8



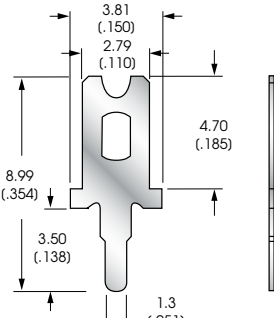
TH.: .8 (.031) M.H.S.: 2.1 (.08) x .8 (.031)

7-04910-8



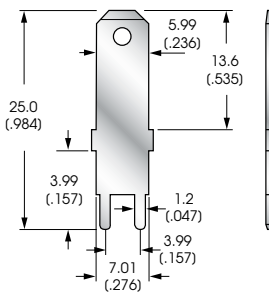
TH.: .8 (.031) M.H.S.: 1.22 (.048)

7-07570-5



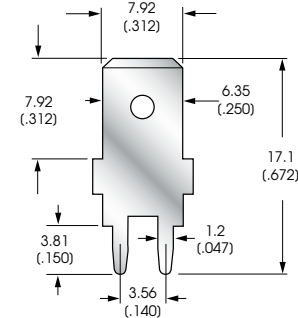
TH.: .8 (.032) M.H.S.: 1.32 (.049)
TH.: .5 (.020) M.H.S.: 1.17 (.046)

7-15780-8



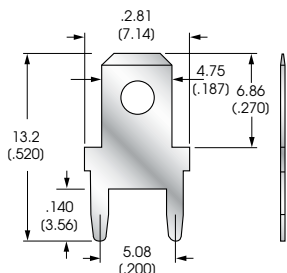
TH.: .8 (.032) M.H.S.: 1.25 (.049)

7-20610-8



TH.: .8 (.032) M.H.S.: 1.25 (.049)

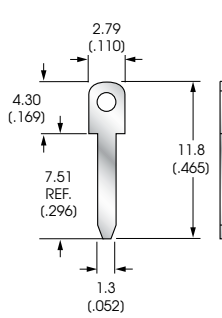
7-1334B-5



P/N -5 TH.: .5 (.020)
P/N -8 TH.: .8 (.032)
P/N -5 M.H.S.: 1.07 (.042)
P/N -8 M.H.S.: 1.20 (.047)

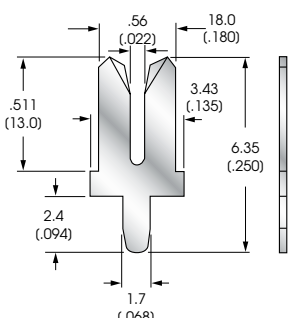
7-1334B-8

7-16150-8

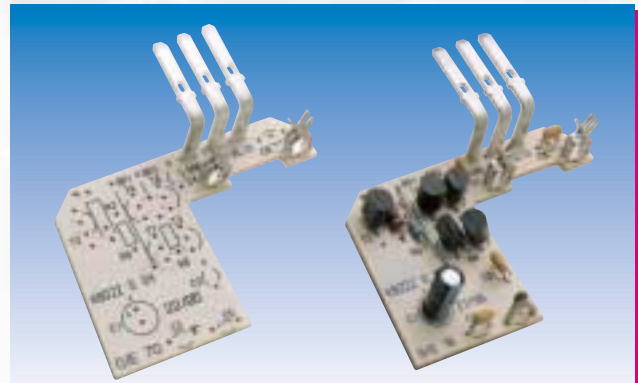
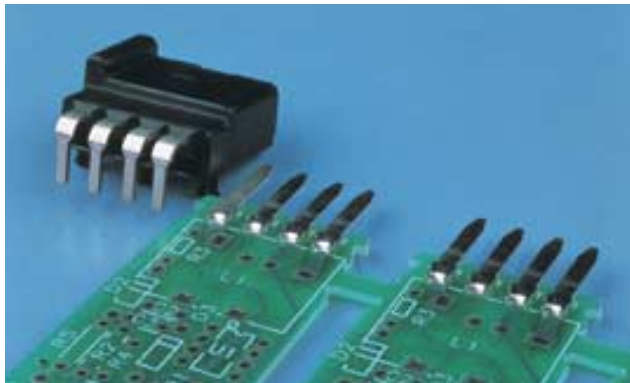


TH.: .8 (.032) M.H.S.: 1.32 (.052)

7-21120-8



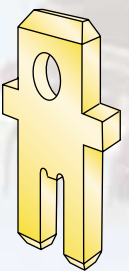
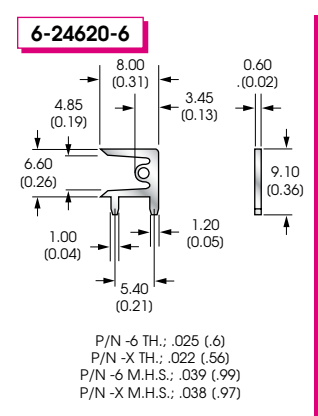
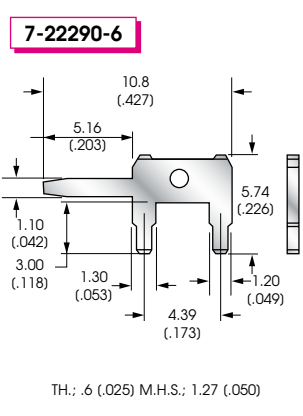
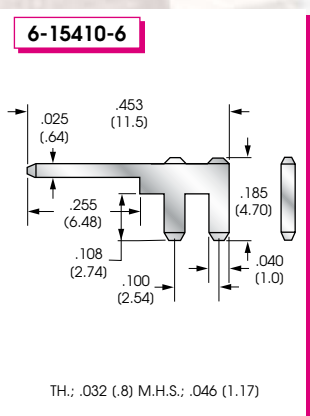
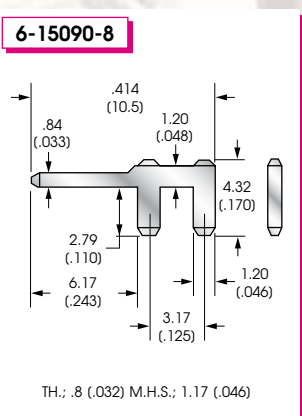
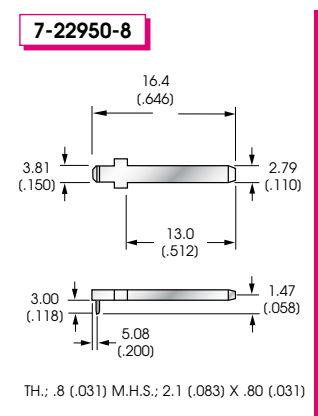
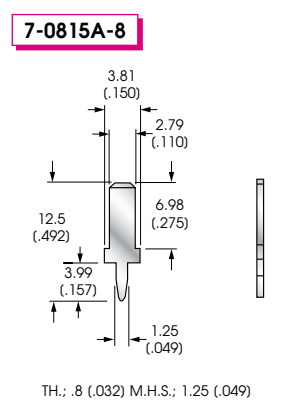
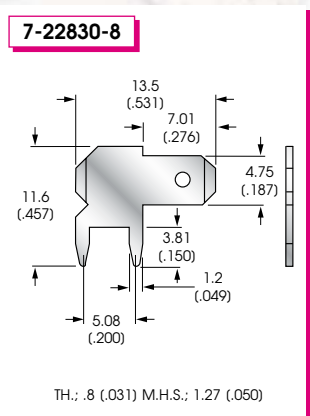
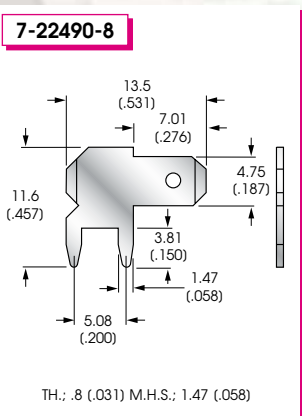
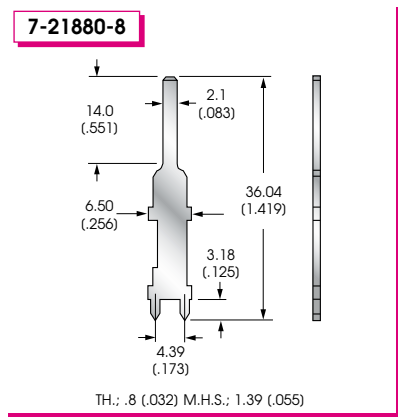
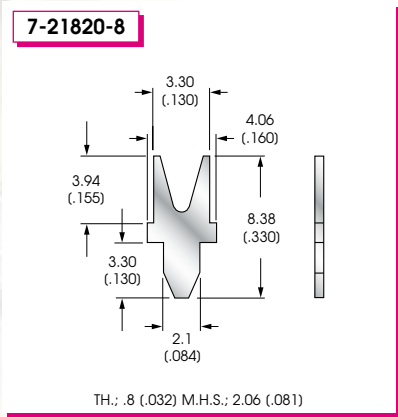
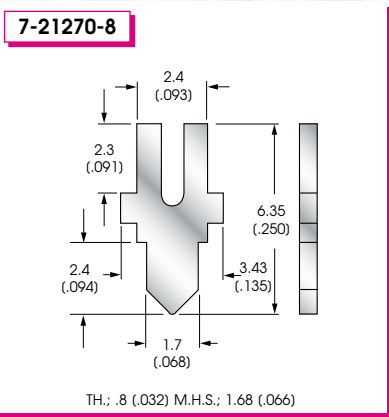
TH.: .8 (.031) M.H.S.: 1.35 (.053)



Precision Stamped Terminals (Tabs & Lugs)

AUTOTAB-AUTOLUG

Code B



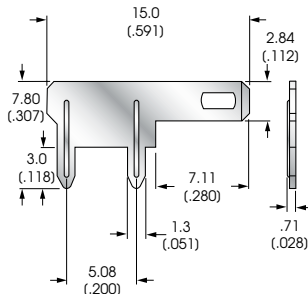
5.5

Precision Stamped Terminals (Tabs)

Code A

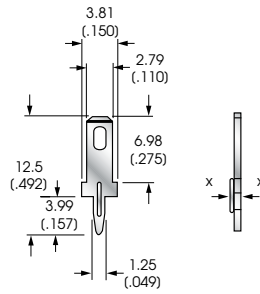
AUTO TAB-AUTO LUG

7-08040-5



TH.: .5 (.020) M.H.S.: 1.20 (.047)

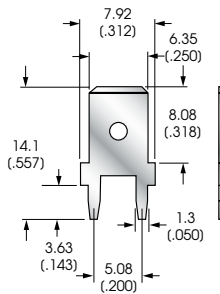
7-08150-5



TH.: .5 (.020) M.H.S.: 1.20 (.047)
TH.: .8 (.032) M.H.S.: 1.25 (.049)

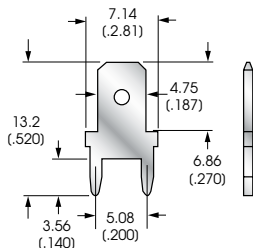
7-08150-8

7-13330-8



TH.: .8 (.032) M.H.S.: 1.39 (.055)

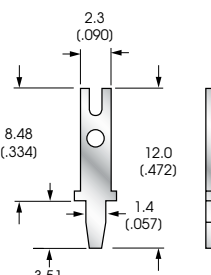
7-1334A-5



P/N -5 TH.: .5 (.020)
P/N -8 TH.: .8 (.032)
P/N -5 M.H.S.: 1.20 (.047)
P/N -8 M.H.S.: 1.32 (.052)

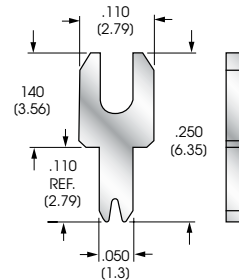
7-1334A-8

7-20630-6



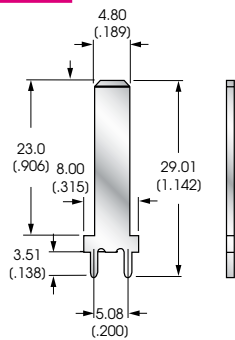
TH.: .6 (.025) M.H.S.: 1.35 (.053)

7-22080-8



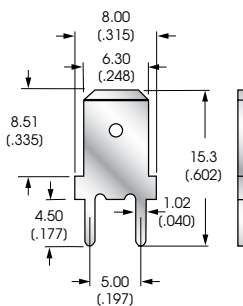
TH.: .8 (.031) M.H.S.: 1.27 (.050)

7-23250-8



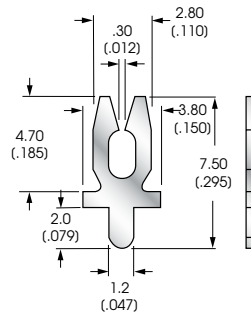
TH.: .8 (.031) M.H.S.: 1.09 (.043)

7-23260-4

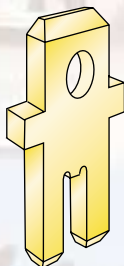
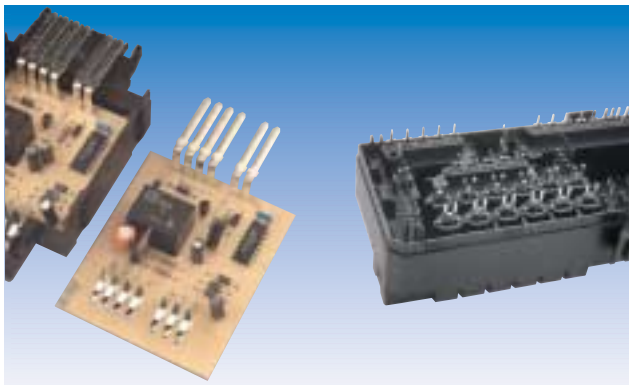


TH.: .4 (.016) M.H.S.: .89 (.035)

7-23270-6



TH.: .6 (.024) M.H.S.: 1.12 (.044)

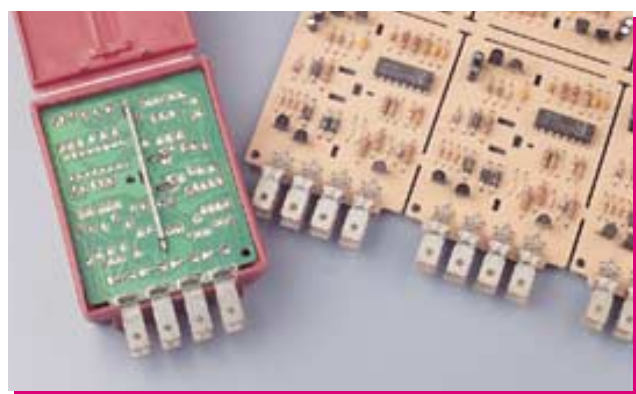
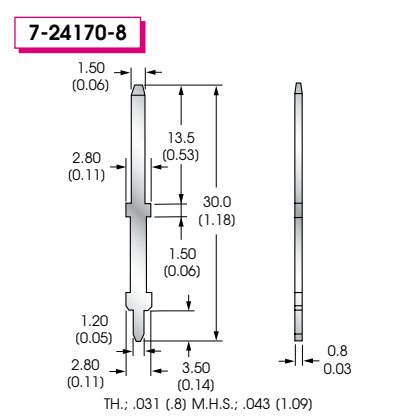
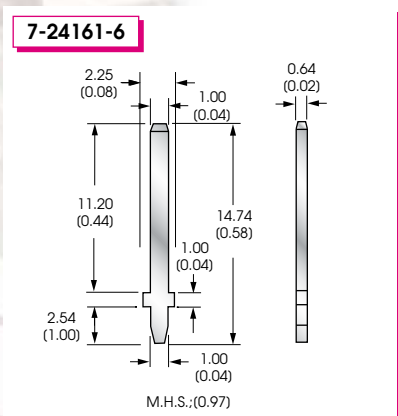
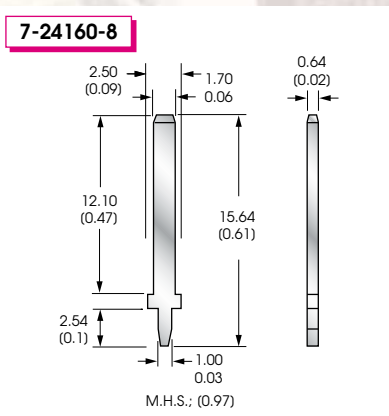
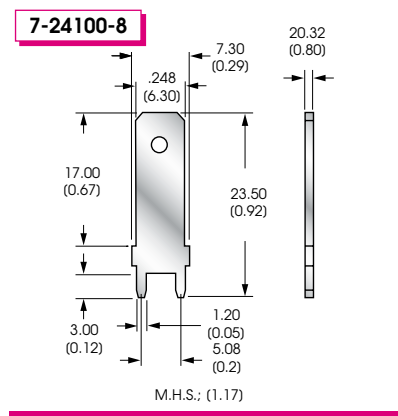
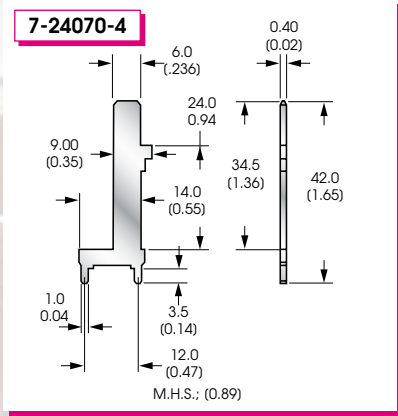
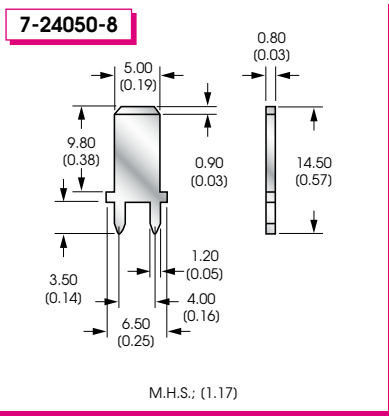
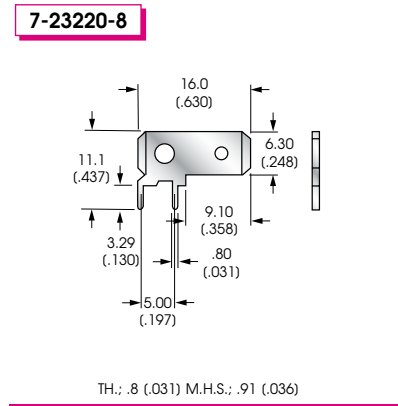
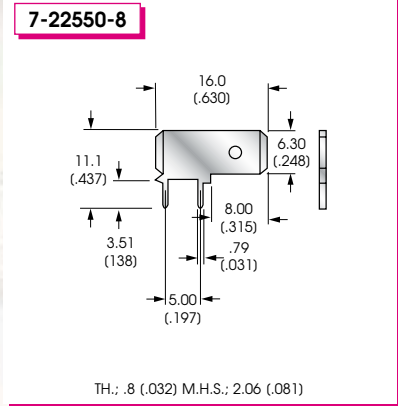
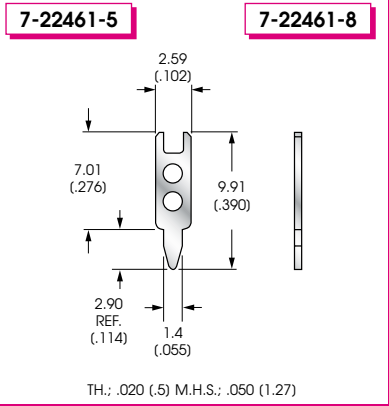


5.6

Precision Stamped Terminals (Tabs)

AUTOTAB-AUTOLUG

Code A

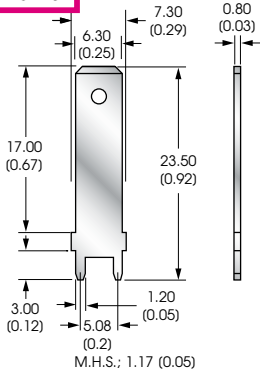


Precision Stamped Terminals (Tabs)

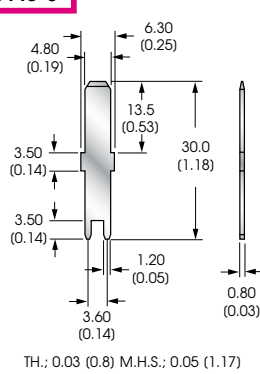
Code A

AUTO TAB-AUTO LUG

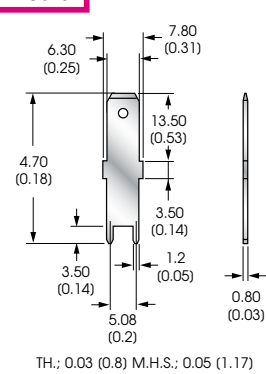
7-24101-8



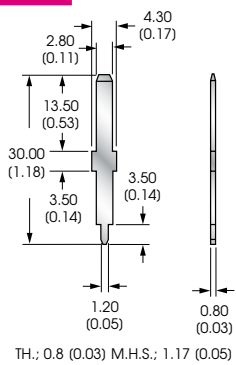
7-24440-8



7-24460-8



7-24470-8



Your Application

Special Coined Tip



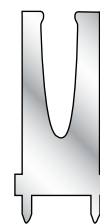
Sample

Compliant Zone

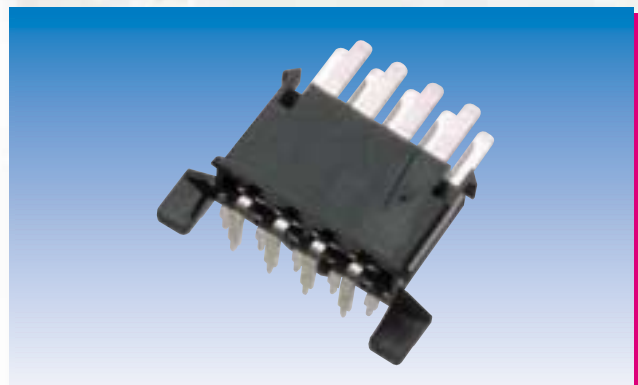


Sample

Female Terminals 2 Dimensional



Sample



5.8