

**CAUTION!** ONLY BALL ENDED HEX WRENCHES SHALL BE USED TO TIGHTEN OR LOOSEN SCREW TO AVOID HIGH LATERAL LEVERING OF THE SMT STAPLE WHICH COULD LEAD TO STAPLE SEPERATION. CONSIDER USE OF THE SLOTTED SCREW TO MINIMIZE THIS ESPECIALLY FOR FIELD WIRING USE.

14257-SMT parts screw torquing precautions - Slotted and Hex driving means  
Steel screws (75C version) and Aluminum screws (90C versions)

When torquing the wire binding screw to the proper amount for the size of wire, all SMT versions using the 14257-SMT staple bus must be protected against lateral forces ( 90 degrees to the axis of the staple length) when driving the screw which is the weaker plane for the SMT soldered connection to the PCB (the narrow plane of the staple).

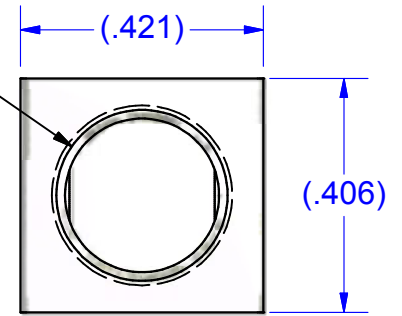
Tearing detachment of the SMT soldered joint can occur do to its inherent weakness in that plane.

A universal jointed bit holder, universal joint coupling or universal "wobble" ended extension driver must always be used to apply pure rotational torque and no lateral torque moments.

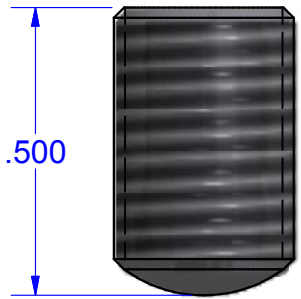
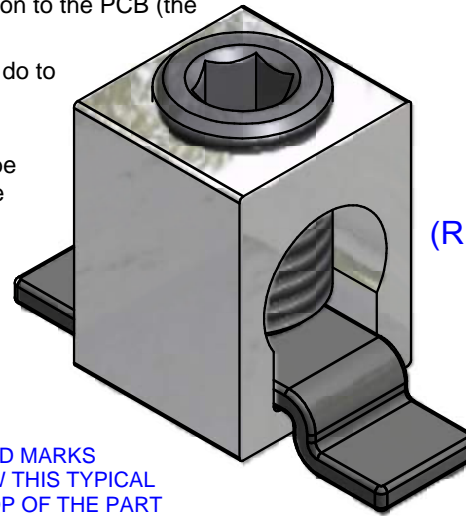
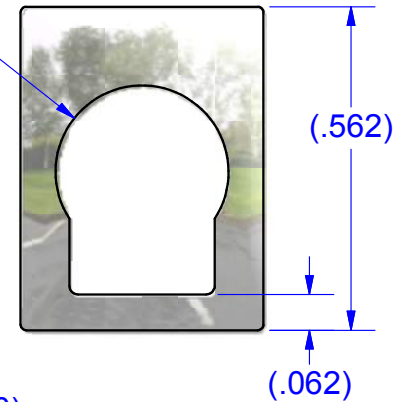
SEE ALSO IHI GUIDE TO SMT COMPONENTS BEFORE USING SMT COMPONENTS IN DESIGNS



5/16-24 UNF - 2B

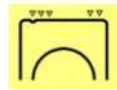
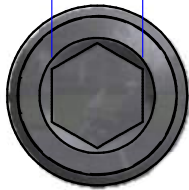


CONNECTOR #B2A  
ALUMINUM (TIN PLATED)

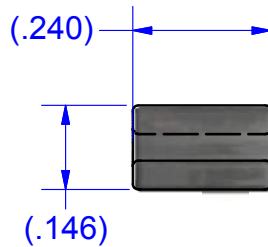


SCREW #12786-HEX  
STEEL (ZINC PLATED)

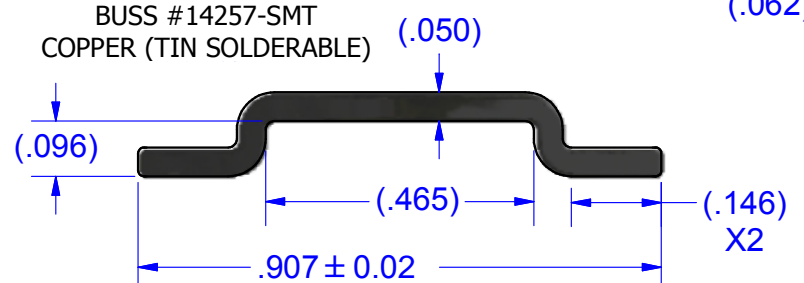
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EXTRUSION CAVITY ID MARKS  
WHEN USED FOLLOW THIS TYPICAL  
PATTERN ON THE TOP OF THE PART

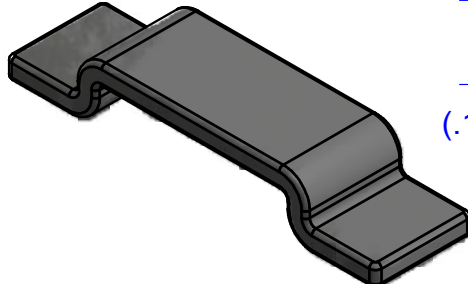


BUSS #14257-SMT  
COPPER (TIN SOLDERABLE)



**PARTS MARKED**

- B2
- IHI LOGO
- CSA LOGO
- UL REGOGNITION LOGO
- 2-14CU7
- 2-8AL7



NOT FOR USE WHERE FAILURE CREATES A HAZARD TO HUMAN HEALTH OR SAFETY. ALL PRODUCTS ARE SUBJECT TO THIS FULL DISCLAIMER: <http://www.ihconnectors.com/disclaimer.html>  
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INTERNATIONAL HYDRAULICS, INC.

GENERAL TOLERANCES  
±.015 (±0,038mm)

TITLE:

Connector + Buss for PCB Mount  
**ASSEMBLED CONNECTOR**

MATERIAL:  
**SEE ABOVE**

SIZE:  
**TDS**

DRAWN BY:  
**TDS**

DWG NO.:  
**B2A-PCB-SMT-HEX (SALES)**

FINISH:

DATE:  
**1215/08**

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