

Table		
ASSEMBLY	PN	TYPE
B6A-PCB	15717/15717CF-HT	SLOTTED
B6A-PCB-HEX	13695	HEX SOCKET (SAE)
B6A-PCB-HEX-M	14975	HEX SOCKET (MM)

*ALL FASTENERS ARE STEEL AND ZINC PLATED

IHI Connectors
International Hydraulics Inc.
ihiconnectors.com™



Installation Instructions:
See QR Code

E129884 Vol1 cURus ZMVV2/8 USR/CNR
WITH 1/4-28 SLOTTED, 1/8", OR 3mm
HEX SKT. SET SCREWS ONLY. NOTE:
THIS PART B6A-PCB(-X) IS B6 STYLE 1.

SCREW/
DRIVE:

.045" SLOTTED HEAD

1/8" (HEX SOCKET)

3 MM (HEX SOCKET)



THT/SMT



THT/SMT



THT/SMT

THT OR
SMT:



B6A-PCB
[OVAL POINT]



B6A-PCB-HEX
[OVAL POINT]



B6A-PCB-HEX-M
[OVAL POINT]

PART NO.
SCREW PT.:

CALUS
ZMVV2, ZMVV8
E129884 6-14 CU7
75°C

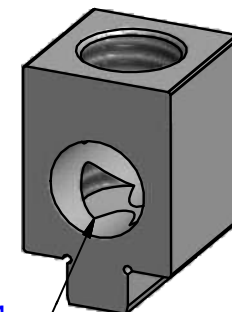
Pressure Terminal
Connectors
NRTL Cat. No.
B6

Nominal Wire Strip Length: 0.34in (8.6mm)

Wire Size Copper	Rated Torque (in-lb)
6 AWG, 10mm ² Str	35
8 AWG, 6mm ² Str	25
10-14 AWG 4-2.5mm ² Sol/Str	20

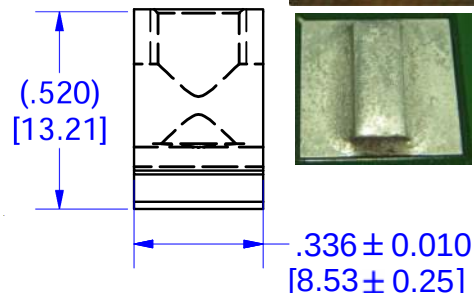
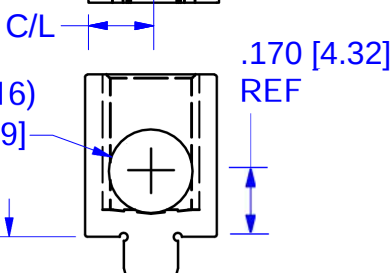
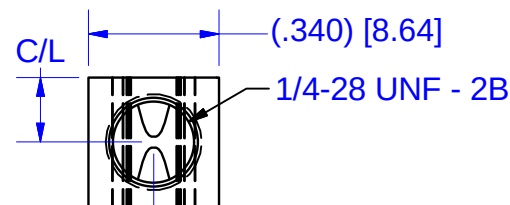
All Torque in in-lbs. For N-M divide by 8.85.

MARKING
IHI LOGO
B6



#6 AWG TO #14

THT
FOOT & SLOT
MOUNTED
ORIENTATION:



NOTES:

1. TIN PLATE FOR SOLDERING PER EMS 1001.8
2. DIMENSIONS IN BRACKETS ARE METRIC EQUIVALENT
3. FERRULES ARE RECOMMENDED FOR FINE AND STRANDED SMALL WIRES. FOR FLEX WIRE RATINGS WITH FERRULES SEE:
ihiconnectors.com/Technical-Data-Installation.htm#FERRULE

NOT FOR USE WHERE FAILURE CREATES A HAZARD TO HUMAN HEALTH OR SAFETY. ALL PRODUCTS ARE SUBJECT TO THIS FULL DISCLAIMER: ihiconnectors.com/disclaimer.html

FOR FURTHER INFORMATION ON THE PROPER USE OF THIS PRODUCT IN SPECIFIC APPLICATIONS SEE: ihiconnectors.com/b6.htm

SMT / SMD SURFACE MOUNT ORIENTATION:

Due to peel off torque limitations, wire size and torque may be limited to 8 AWG maximum in SMT mode. As a practical matter for higher stress SMT mounting configurations, especially horizontal screw axis, only 100% customer testing of the final soldered bond can give the needed measure of proof that all is within the customer desired standard.

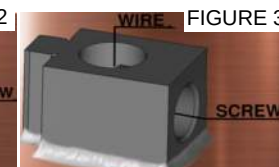
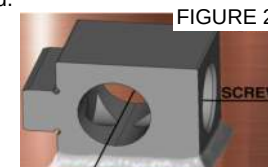
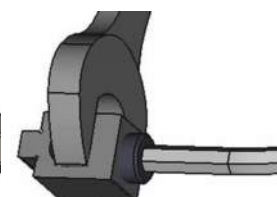
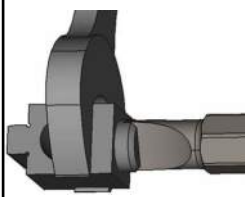


Figure 2: Less Sturdy: Horizontal screw and horizontal wire. Best for factory wiring only.
Figure 3: Least Sturdy: Horizontal screw and vertical wire. Best for factory wiring only.



In SMT mode, use of an open ended wrench on the lug is recommended to counter the applied torque in case the soldered mount to PCB is compromised by excessive torque applied through to the soldered PCB joint. Lug body wrench size 11/32" (9mm)

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INTERNATIONAL HYDRAULICS, INC.

TITLE:

AWG 6-14 COLLAR CONNECTOR
W/ PRINTED CIRCUIT BOARD TAB
SALES PRINT

GENERAL
TOLERANCES
±.015 (±0.39)

MATERIAL: 6061-T6
(XB6A-PCB)

FINISH:
SEE NOTE

SIZE:

DRAWN BY:

TDS

DWG NO.:

B6A-PCB (-HEX, -HEX-M)

REV:

DATE:

11/14/11

THIS IS A CAD DRAWING, DO NOT MANUALLY REVISE