

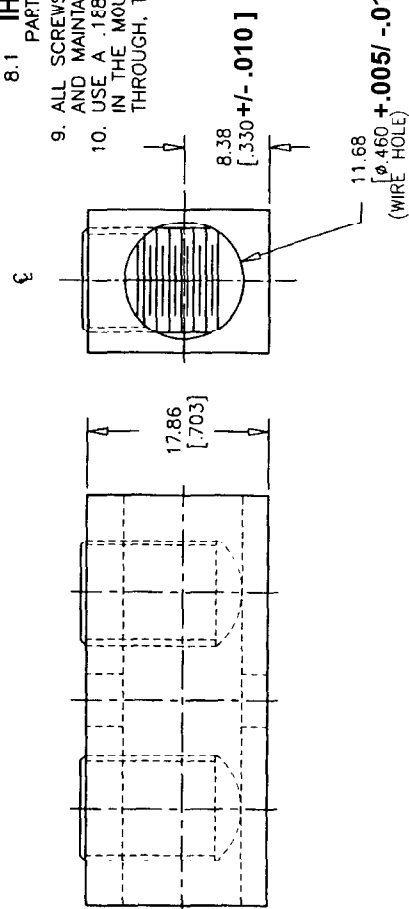
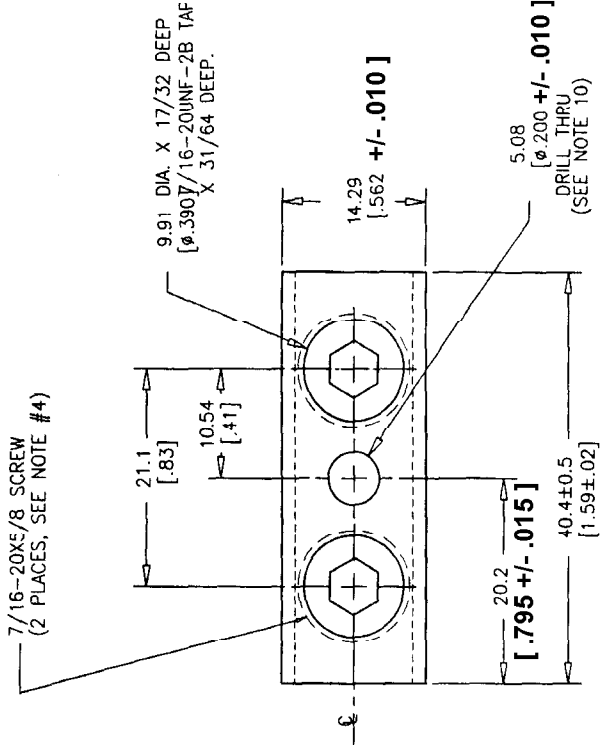
ASSIGNED SCREW TORQUE IS 120 in-lb

SPECIFICATION:

1. WIRE RANGE: #2/0 TO #8 AWG.
2. FOR CONNECTING COPPER OR ALUMINUM CONDUCTORS.
3. AGENCY ACCEPTANCE:
CONNECTOR MUST BE UL LISTED
4. WIRE CLAMPING SCREWS:
ALUMINUM ALLOY, 7/16-20 X 5/8, RECESSED HEX DRIVE .33/16 INCH ACROSS FLATS), DOME BOTTOM PER IHI DRAWING 11703 (2 PER CONNECTOR)
5. TIGHTENING TORQUE
WITH WIRE INSTALLED, CONNECTOR MUST WITHSTAND 132 IN. LB. OF TIGHTENING TORQUE WITHOUT DAMAGE TO THE CONNECTOR OR CLAMPING SCREW.
6. FINISH:
ZINCATE; RINSE, FOLLOWED BY A COPPER FLASH, THAN TIN PLATE 0.0001 INCH THICK (MIN.)
7. MARKING SHALL BE LEGIBLE AND SHALL INCLUDE:
7.1 MANUFACTURER'S TRADEMARK "IHI"
7.2 CATALOG NUMBER "P2/0"
7.3 WIRE RANGE "2/0 - 8" "UL"
7.4 "AL7CU"
8. AUTHORIZED SOURCES:

8.1 IHI PART NO. P2/0

9. ALL SCREWS TO BOTTOM OUT IN THREAD OF CONNECTOR AND MAINTAIN A MIN. OF .5 IN/LB BREAK AWAY TORQUE.
10. USE A .188 DIA. GAGE PIN AS THE CRITERIA FOR THE BURR IN THE MOUNTING HOLE. IF THE GAGE PIN DOES NOT PASS THROUGH, THE PART WILL NEED TO BE DEBURRED.



TOLERANCES SPECIFIED UNLESS OTHERWISE METRIC TOL		TYPICAL ANGULAR TOLERANCE	
ENGLISH TOL	ANGULAR TOL	ENGLISH TOL	ANGULAR TOL
1 PL DEC. ±.25	3 PL DEC. ±.01	1 PL DEC. ±.01	ANGULAR TOL. ±.2°
2 PL DEC. ±.13	3 PL DEC. ±.008	FRACTION TOL. ±.1/64 IN	

IHI Connectors (TM)
INTERNATIONAL HYDRAULICS INC

MATERIAL: 6061-T6 ALUMINUM
FINISH: SEE NOTE 6
USED ON: _____

REV 1

TITLE: CONNECTOR
WIRES (2/0-8AL7CU)

DATE: _____ SCALE: 2:1

PART NO. **P2/0**