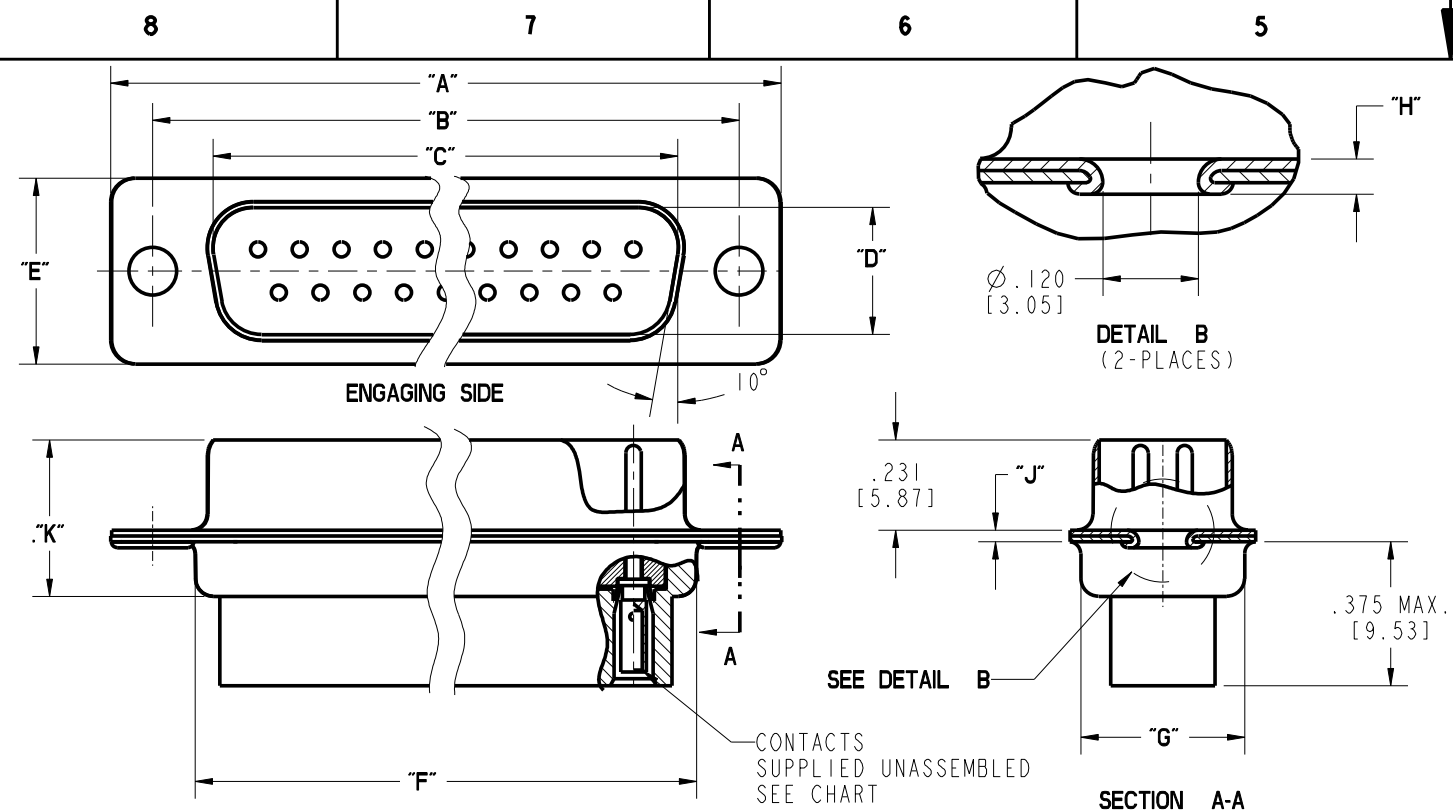




NOTES:

- ## I. SPECIFICATIONS:

ELECTRICAL:

WITHSTANDING VOLTAGE: MINIMUM 1000 V RMS @ SEA LEVEL  
INSULATION RESISTANCE: INITIAL 5000 MEGOHMS MAXIMUM,  
1000 MEGOHMS MIN. AFTER ENVIRONMENTAL TESTING.  
CONTACT RATING: 5 AMPS  
CONTACT RESISTANCE: 2.7 MILLIOHMS MAX

MATERIALS:

INSULATOR: BLACK UL94V-O RATED GLASS FILLED NYLON  
CONTACT(030-1952-000): COPPER ALLOY  
CONTACT AREA PLATING: GOLD OVER NICKEL,  
CONNECTOR SHELL: STEEL, PLATING ZINC WITH CLEAR CHROMATE.

ENVIRONMENTAL:

OPERATING TEMPERATURE: -65°C TO +125°C

TERMINATION:

CRIMP WILL ACCOMODATE # 20 TO 28 AWG WIRE.

TERMINATION-TOOLS:

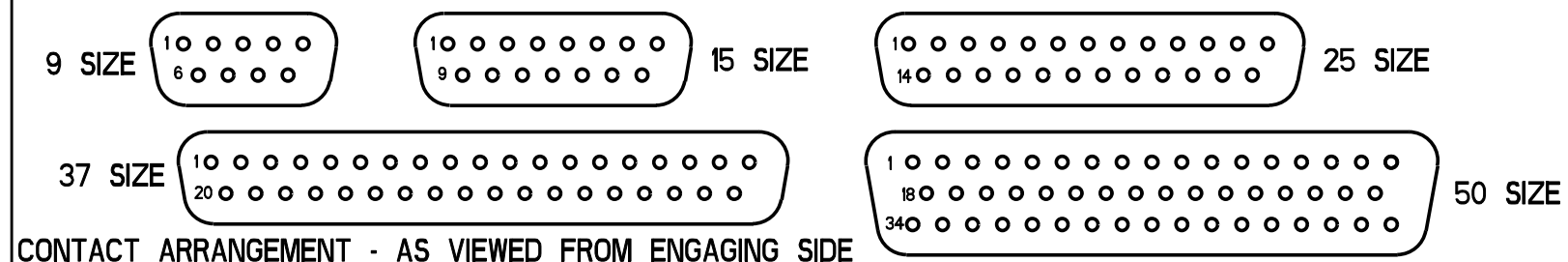
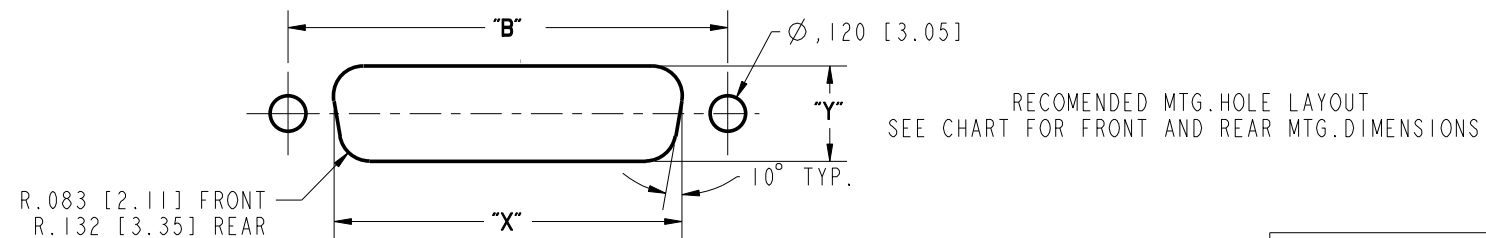
CRIMP TOOL: M22520/2-01

INSERTION/EXTRACTION TOOL: CIET-20-HDB

POSITIONER: EP-580

2. DIMENSIONS IN [ ] ARE IN MILLIMETERS.

| NUMBER OF POSITIONS | SELECTIVE GOLD FLASH PLATING<br>(.120" [3.05] MTG. HOLES |               | CONTACTS     | DIMENSION |         |         |                |                 |         |                 |                |               |                 | FRONT MOUNTING HOLE<br>DIMENSIONS |                 | REAR MOUNTING HOLE<br>DIMENSIONS |                 |
|---------------------|----------------------------------------------------------|---------------|--------------|-----------|---------|---------|----------------|-----------------|---------|-----------------|----------------|---------------|-----------------|-----------------------------------|-----------------|----------------------------------|-----------------|
|                     | PART NO.                                                 | FACTORY NO.   |              | "A"       | "B"     | "C"     | "D"            | "E"             | "F"     | "G"             | "H"            | "J"           | "K"             | "X"                               | "Y"             | "X"                              | "Y"             |
| 9                   | DEUH-9P                                                  | 702 03 09 001 | INCLUDED     | .1213     | .984    | .697    | .360<br>[9.14] | .494<br>[12.55] | .759    | .422<br>[10.72] | .045<br>[1.14] | .030<br>[.76] | .422<br>[10.72] | .874                              | .513<br>[13.03] | .806                             | .449<br>[11.40] |
|                     | DEUH-9P-FO                                               | 702 03 09 005 | NOT INCLUDED | [30.81]   | [24.99] | [17.70] |                |                 | [19.28] |                 |                |               |                 | [22.20]                           |                 | [20.47]                          |                 |
| 15                  | DAUH-15P                                                 | 702 03 15 001 | INCLUDED     | .1541     | .1312   | .1025   | .378<br>[9.60] | .494<br>[12.55] | .1083   | .422<br>[10.72] | .045<br>[1.14] | .039<br>[.99] | .426<br>[10.82] | .1202                             | .513<br>[13.03] | .1134                            | .449<br>[11.40] |
|                     | DAUH-15P-FO                                              | 702 03 15 005 | NOT INCLUDED | [39.14]   | [33.32] | [26.03] |                |                 | [27.51] |                 |                |               |                 | [30.53]                           |                 | [28.80]                          |                 |
| 25                  | DBUH-25P                                                 | 702 03 25 001 | INCLUDED     | .2088     | .1852   | .1583   | .378<br>[9.60] | .494<br>[12.55] | .1629   | .422<br>[10.72] | .045<br>[1.14] | .039<br>[.99] | .426<br>[10.82] | .1743                             | .513<br>[13.03] | .1674                            | .449<br>[11.40] |
|                     | DBUH-25P-FO                                              | 702 03 25 005 | NOT INCLUDED | 53.04]    | [47.04] | [40.21] |                |                 | [41.38] |                 |                |               |                 | [44.27]                           |                 | [42.52]                          |                 |
| 37                  | DCUH-37P                                                 | 702 03 37 001 | INCLUDED     | .2729     | .2500   | .2231   | .378<br>[9.60] | .494<br>[12.55] | .2272   | .422<br>[10.72] | .045<br>[1.14] | .039<br>[.99] | .426<br>[10.82] | .2391                             | .513<br>[13.03] | .2326                            | .449<br>[11.40] |
|                     | DCUH-37P-FO                                              | 702 03 37 005 | NOT INCLUDED | [69.32]   | [64.50] | [56.67] |                |                 | [57.71] |                 |                |               |                 | [60.73]                           |                 | [59.08]                          |                 |
| 50                  | DDUH-50P                                                 | 702 03 50 001 | INCLUDED     | .2635     | .2406   | .2127   | .378<br>[9.60] | .494<br>[12.55] | .2178   | .422<br>[10.72] | .045<br>[1.14] | .039<br>[.99] | .426<br>[10.82] | .2297                             | .513<br>[13.03] | .2218                            | .449<br>[11.40] |
|                     | DDUH-50P-FO                                              | 702 03 50 005 | NOT INCLUDED | [66.93]   | [61.11] | [54.02] |                |                 | [12.29] |                 |                |               |                 | [15.37]                           |                 | [55.32]                          |                 |



ROHS COMPLIANT

|                                 |                                    |                                                                                       |                                                                      |                            |                                                  |
|---------------------------------|------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------|--------------------------------------------------|
| UNITS                           | ENGLISH                            |  | PRO/E                                                                | Cinch                      | V. SKUZA<br>1700 FINLEY RD<br>LOMBARD, IL. 60148 |
| DO NOT SCALE DRAWING            | DRAWN BY<br>V. SKUZA               | DATE<br>06/17/05                                                                      | TITLE<br>D*U SERIES CRIMP & POKE<br>CONNECTOR PLUG ASS'Y(.120"HOLES) |                            |                                                  |
|                                 | DESIGN ENGINEER<br>A. BALI         | 06/17/05                                                                              | MATERIAL                                                             |                            | CONTROL SPEC NUMBER                              |
|                                 | DESIGN ENGINEERING MGR.<br>A. SHAH | 07/09/05                                                                              | MATERIAL SPEC NUMBER                                                 |                            | FINISH<br>PROJECT NUMBER<br>C14740               |
|                                 | MFG. ENGINEERING<br>J. OCEGUERA    | 07/07/05                                                                              | CAD FILE NUMBER<br>DXUHXXP                                           | DRAWING NUMBER<br>D*UH-XXP |                                                  |
| QUALITY ASSURANCE<br>A. VAZQUEZ | 07/06/05                           | CAGE IDENT NO.                                                                        | SIZE                                                                 | SCALE                      |                                                  |
|                                 |                                    |                                                                                       | 71785                                                                | B                          | 1:1 SHEET 1 OF 1                                 |