

# REVISIONS

DOC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No: 1398

| DCP # | REV | DESCRIPTION | DRAWN | DATE     | CHECKD | DATE    | APPRVD | DATE    |
|-------|-----|-------------|-------|----------|--------|---------|--------|---------|
| 1876  | A   | RELEASED    | EO    | 03/21/06 | TL     | 5/15/06 | HO     | 5/15/06 |



RoHS  
Compliant

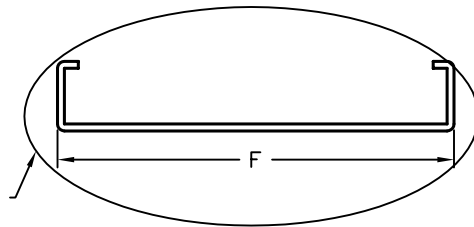
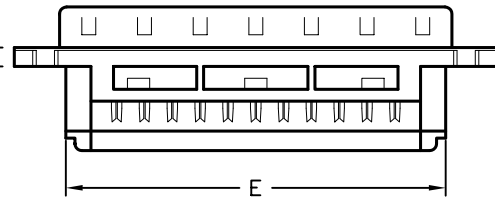
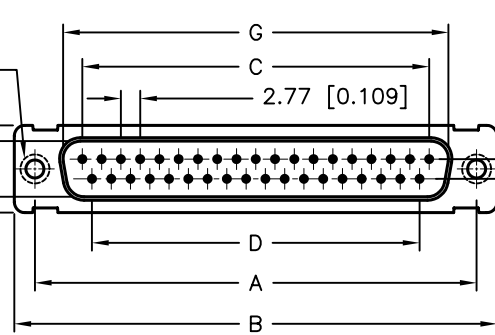
#4-40 UNC-2B

12.55±0.38  
[0.494±0.015]

8.36±0.25  
[0.33±0.01]

2.70±0.13  
[0.106±0.005]

METAL STRAIN RELIEF



2.84 [0.112]

13.03±0.13  
[0.513±0.005]  
FRONT MOUNT

6.52±0.13  
[0.256±0.005]  
FRONT MOUNT

Ø3.04±0.05  
[0.12±0.002]

5.70±0.13  
[0.224±0.005]  
REAR MOUNT

18.35±0.38 [0.722±0.015]  
AFTER CRIMPING POSITION  
20.80±0.38 [0.819±0.015]  
PRE-CRIMP POSITION

9.00±0.25  
[0.354±0.01]  
10.70±0.25  
[0.42±0.01]

5.84±0.25  
[0.23±0.01]

RECOMMENDED PANEL CUTOUT DIMENSIONS

## SPECIFICATION:

- 1- Shell: Steel, Tin-Plated
- 2- Contact: Brass, Stamped Gold-Plated on Contact Area, Tin-Plated on Wiring Area
- 3- Insulator: PBT & Glass-Fiber Reinforced UL94V-0, Blue Color
- 4- Current Rating: 1 Amp
- 5- Insulator Resistance: 1000 MΩ at 500V DC
- 6- Dielectric Withstanding Voltage: AC 500V Min. for One Minute
- 7- Operating Temperature: -55°C to 105°C
- 8- Contact Resistance: 15 mΩ Max.
- 9- Wire Size: AWG 26 & 28 Stranded, 1.27mm Conductor Center Flat Cable

| SPC TYPE # | Number of Pins | A ±0.13<br>[±0.005] | B ±0.25<br>[±0.010] | C ±0.13<br>[±0.005] | D ±0.13<br>[±0.005] | E ±0.25<br>[±0.010] | F ±0.25<br>[±0.010] | G ±0.25<br>[±0.010] | REAR MOUNTING<br>I±0.13 [0.005] | FRONT MOUNTING<br>I±0.13 [0.005] |
|------------|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------------------|----------------------------------|
| SPC15406   | 9P             | 24.99 [0.984]       | 30.80 [1.212]       | 11.08 [0.436]       | 8.31 [0.327]        | 16.10 [0.634]       | 18.60 [0.732]       | 16.92 [0.666]       | 20.47 [0.806]                   | 22.20 [0.874]                    |
| SPC15289   | 15P            | 33.32 [1.312]       | 39.10 [1.539]       | 19.39 [0.763]       | 16.62 [0.654]       | 24.00 [0.945]       | 26.60 [1.047]       | 25.25 [0.994]       | 28.80 [1.134]                   | 30.53 [1.202]                    |
| SPC15390   | 25P            | 47.04 [1.852]       | 53.09 [2.090]       | 33.24 [1.309]       | 30.47 [1.200]       | 38.14 [1.502]       | 40.90 [1.610]       | 38.96 [1.534]       | 42.52 [1.674]                   | 44.27 [1.743]                    |
| SPC15267   | 37P            | 63.50 [2.500]       | 69.40 [2.732]       | 49.86 [1.963]       | 47.09 [1.854]       | 54.60 [2.150]       | 57.10 [2.248]       | 55.45 [2.183]       | 59.08 [2.326]                   | 60.73 [2.391]                    |

DISCLAIMER:  
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

## TOLERANCES:

Unless Otherwise Specified

.X ±0.2 [0.008]

.XX ±0.12 [0.005]

## DRAWN BY:

EKLAS ODISH

CHECKED BY:

THOMAS LEE

APPROVED BY:

HISHAM ODISH

## DATE:

03/21/06

DATE:

5/15/06

DATE:

5/15/06

## DRAWING TITLE:

D-SUB IDC MALE CONNECTOR, METAL TYPE, RoHS

## SIZE

A

## DWG. NO.

TA-702

## ELECTRONIC FILE

TA-702.DWG

## REV

A

SCALE: NTS

U.O.M.: mm [INCHES]

SHEET: 1 OF 1