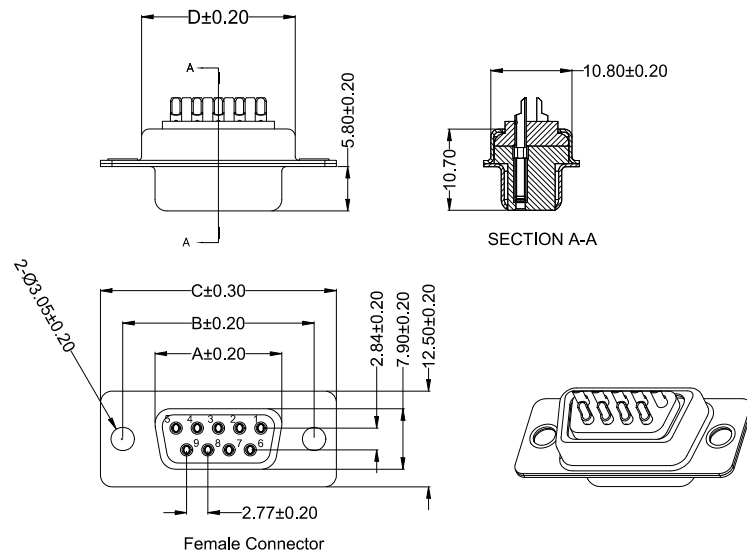




Female connector

| POS | A     | B     | C     | D     |
|-----|-------|-------|-------|-------|
| 9   | 16.35 | 25.00 | 30.80 | 19.20 |
| 15  | 24.70 | 33.30 | 39.20 | 27.70 |
| 25  | 38.40 | 47.04 | 53.05 | 41.10 |
| 37  | 54.80 | 63.50 | 69.40 | 57.30 |

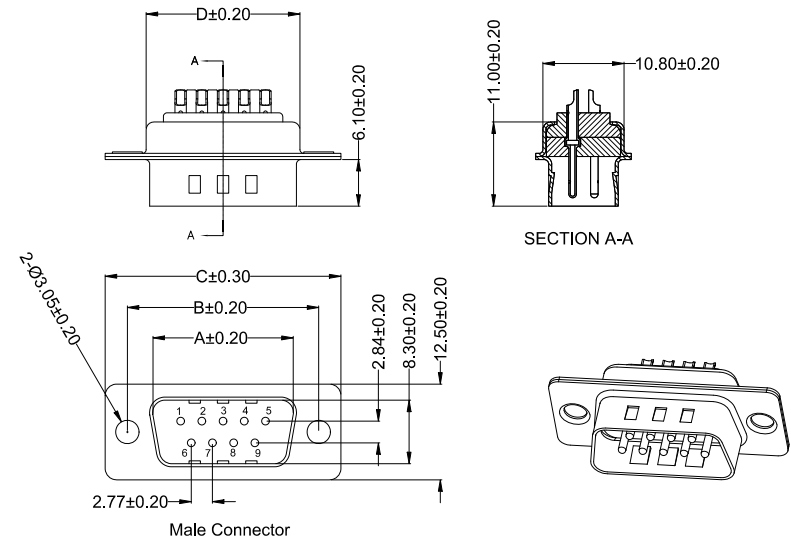
Male Connector

| POS | A     | B     | C     | D     |
|-----|-------|-------|-------|-------|
| 9   | 16.92 | 25.00 | 30.80 | 19.20 |
| 15  | 25.25 | 33.30 | 39.20 | 27.70 |
| 25  | 38.96 | 47.04 | 53.05 | 41.10 |
| 37  | 55.42 | 63.50 | 69.40 | 57.30 |

List:

| Part Number  | Description                       | Name    |
|--------------|-----------------------------------|---------|
| 2101-0180-01 | SOLDER B. PLUG, BLACK INSULATOR   | DB09-SP |
| 2101-0180-02 | SOLDER B. PLUG, BLACK INSULATOR   | DB15-SP |
| 2101-0180-03 | SOLDER B. PLUG, BLACK INSULATOR   | DB25-SP |
| 2101-0180-04 | SOLDER B. PLUG, BLACK INSULATOR   | DB37-SP |
| 2101-0180-11 | SOLDER B. SOCKET, BLACK INSULATOR | DB09-SS |
| 2101-0180-12 | SOLDER B. SOCKET, BLACK INSULATOR | DB15-SS |
| 2101-0180-13 | SOLDER B. SOCKET, BLACK INSULATOR | DB25-SS |
| 2101-0180-14 | SOLDER B. SOCKET, BLACK INSULATOR | DB37-SS |

| Revised History |                       |      |         |
|-----------------|-----------------------|------|---------|
| Date            | Revised Specification | Ver. | ECN No. |
| 2023-09-26      | First Issue.          | 01   |         |
| 2026-06-29      | Update logo.          | 02   |         |



NOTES:  
 INSULATION RESISTANCE(MIN.):500MOHMS.  
 CURRENT RATING(MIN.): 3amp AC.5amp Dc.  
 WITHSTANDING VOLTAGE(MIN):500VAC.  
 CONTACT RESISTANCE (MAX.):30m ohms.  
 OPERATING TEMPERATURE:-55°~+105°.

MATERIAL:  
 CONTACT:C2680,t=0.20MM,PLATING HALF Au,1µm.  
 INSULATION:PBT+30%GLASS FIBER UL94V-0.  
 SHELL:SPCC.t=0.4mm.  
 FRONT COVER:PLATING Ni.  
 BACK SHELL:PLATING Sn.

File Path:

|                     |                 |         |      |      |                   |               |   |                                                                                       |     |
|---------------------|-----------------|---------|------|------|-------------------|---------------|---|---------------------------------------------------------------------------------------|-----|
| <div>encitech</div> |                 |         |      |      |                   |               |   |                                                                                       |     |
| Description         | See List        |         |      |      | Customer Na.      | /             |   | Page                                                                                  | 1/1 |
| Part No.            | See List        |         | Unit | mm   | General Tolerance |               |   | NA                                                                                    |     |
| Drawing No.         | CSS-DWG-2309038 |         |      | Ver. | 02                | Customer ver. | / | Scale                                                                                 | N/A |
| Approved            |                 | Checked |      |      | Drawing           | Sinyu         |   |  |     |