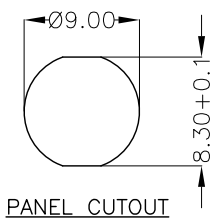
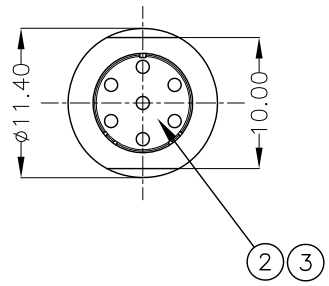
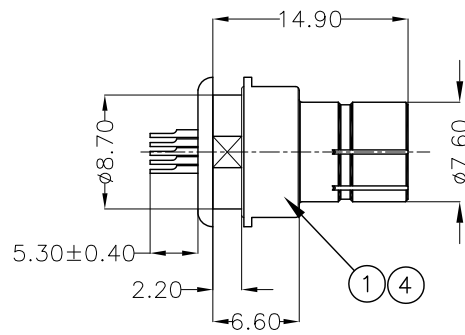
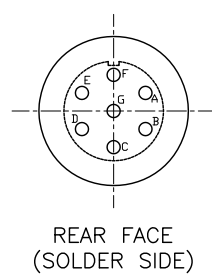


| REVISIONS LIST |       |                 |      |       |
|----------------|-------|-----------------|------|-------|
| REV            | ECO # | DESCRIPTION     | DATE | APV'D |
| A              |       | Initial Release |      |       |

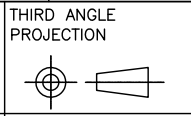
**SPECIFICATIONS**

|                                       |                             |   |
|---------------------------------------|-----------------------------|---|
| <u>Mechanical</u>                     |                             |   |
| Durability                            |                             | 1000 Cycles                                     |
| <u>Electrical</u>                     |                             |   |
| Current Rating                        | Individual Contact          | 3.0A  |
|                                       | All Contacts Simultaneously | 1.0A  |
| Voltage Rating                        |                             | 115 VAC   |
| Dielectric Withstanding Voltage (@SL) |                             | 500VAC  |
| Insulation Resistance (500VDC @SL)    |                             | 1GΩ   |
| Contact Resistance                    |                             |   |
|                                       | Initially                   | 5MΩ   |
|                                       | After Conditioning          | 10MΩ  |
| Shell-To-Shell Conductivity           |                             |   |
|                                       | Initially                   | 5MΩ   |
|                                       | After Conditioning          | 10MΩ  |
| <u>Environmental</u>                  |                             |   |
| Operating Temperature                 |                             | -55°C - +85°C                                   |
| Vibration                             |                             | Per MIL-DTL-26482                               |
| Shock                                 |                             | Per MIL-DTL-26482                               |
| Fluids                                |                             | Per MIL-DTL-26482                               |
| Sealing                               |                             | IP67 (Mated)                                    |
| Salt Spray (48 hrs)                   |                             | Electroless Nickel (F)<br>Black Zinc Cobalt (Z) |



| No. | Name    | Material            | Finish            |
|-----|---------|---------------------|-------------------|
| 1   | Shell   | Brass               | Nickel Underplate |
| 2   | Insert  | Engineering Plastic | Natural           |
| 3   | Contact | Brass               | Nickel Underplate |
| 4   | Seals   | Engineering Plastic | Natural           |

UNLESS NOTED  
TOLERANCES ARE:  
.X ± 0.38  
.XX ± 0.25  
ANGLES ± 1°



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XENIA, OHIO 45385  
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FX: (937) 374-2717

|                |                 |  |                           |         |
|----------------|-----------------|--|---------------------------|---------|
| UNIT : mm      | DRWN : RLM      | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE-PRODUCED WITHOUT PERMISSION. | TITLE                     |         |
| SCALE : NTS    | DATE : 08/01/17 |  | Nano Push-Pull Receptacle |         |
|                | CHK'D : RLM     |  | SPI P / N : SPI3894X%&SX  | REV : A |
| SHEET : 1 OF 1 | APV'D : RLM     |  | CUSTOMER P / N :          |         |