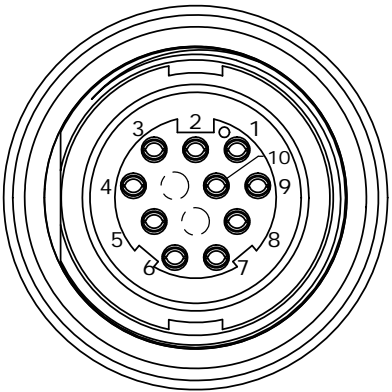


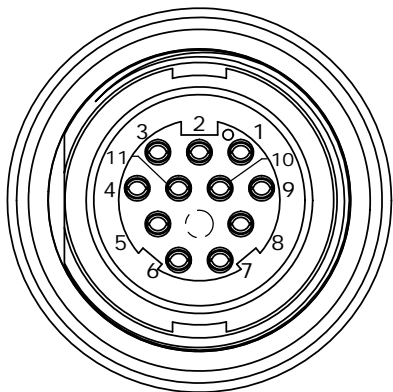
- NOTES:
1. ALL PARTS TO BE BULK PACKED.
  2. CONTACTS ASSEMBLED INTO CONNECTOR.
  3. ALL DIMENSIONS ARE REFERENCE ONLY EXCEPT WHERE NOTED WITH A TOLERANCE. DIMENSIONS IN BRACKETS [ ] ARE METRIC.
  4. PC TAIL LENGTH OPTIONS:
    - STANDARD (SHORT) TAIL = 0.107in [W4281-1XSG-3ES]
    - INTERMEDIATE = 0.202in [W4291-1XSG-3ES]
    - LONG = 0.267in [W4292-1XSG-3ES]

| ASS'Y P/N      | CONTACTS | HOLE POS. CLOSED |
|----------------|----------|------------------|
| W4291-10SG-300 | 10 - #20 | 11, 12           |
| W4291-11SG-300 | 11 - #20 | 12               |
| W4291-12SG-300 | 12 - #20 | NONE             |
| W4291-1XSG-300 |          |                  |

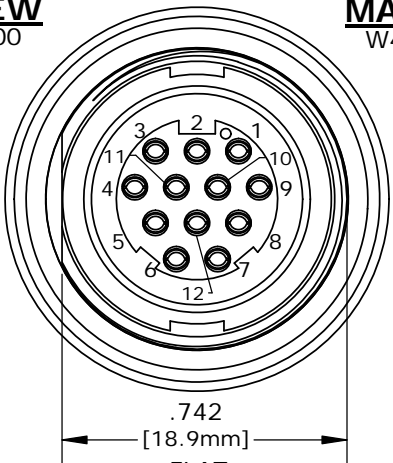
NO. OF CONTACTS



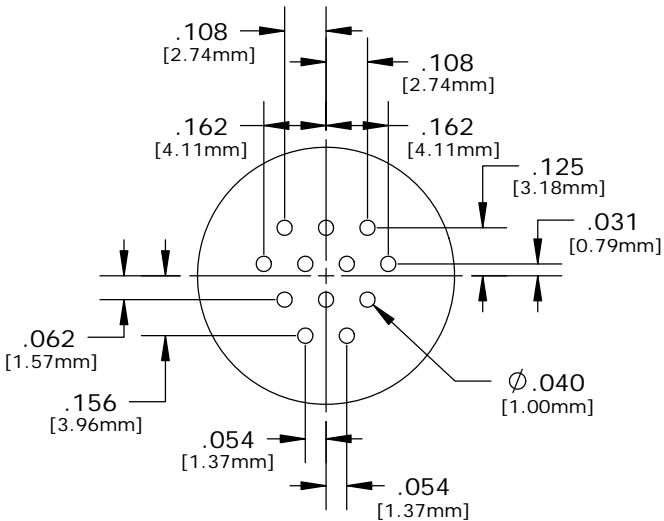
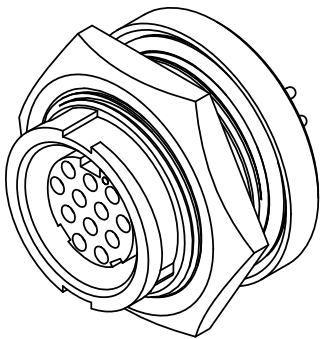
**MATING VIEW**  
W4291-10SG-300  
10-POS.



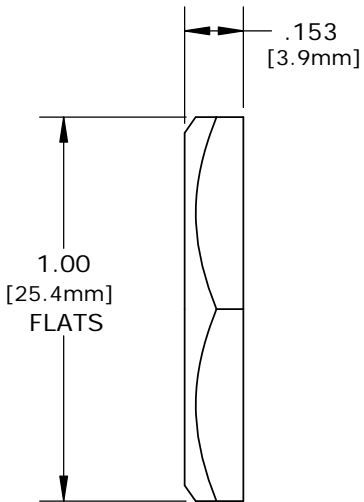
**MATING VIEW**  
W4291-11SG-300  
11-POS.



**MATING VIEW**  
W4291-12SG-300  
12-POS.



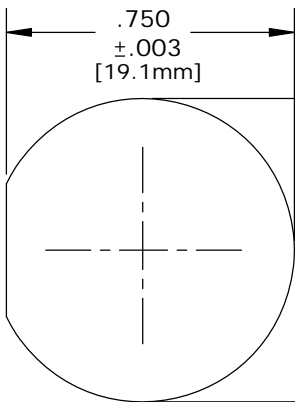
**PC TAIL LAYOUT**



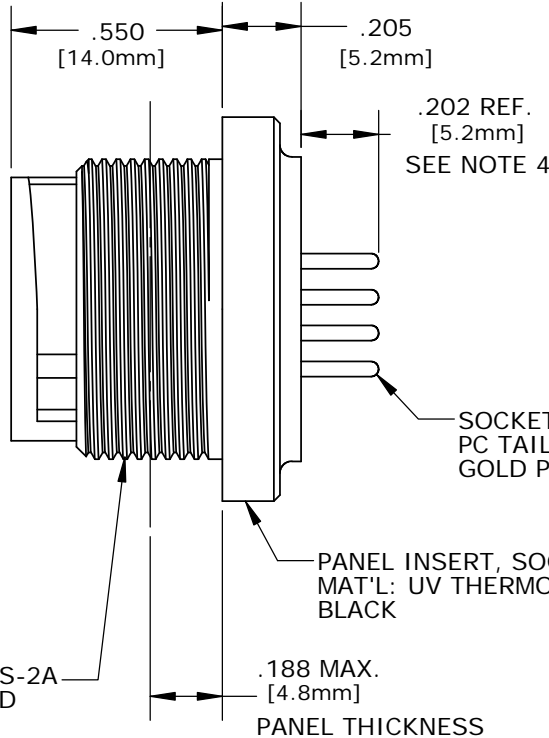
HEX NUT  
MAT'L: UV THERMOPLASTIC,  
BLACK

O-RING  
MAT'L: RUBBER,  
BLACK

13/16-27 UNS-2A  
MOD. THREAD

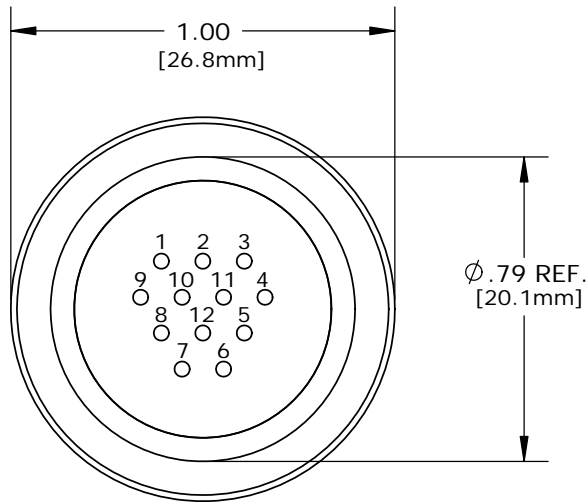


**RECOMMENDED  
PANEL CUTOUT**  
STANDARD MULTI-CON-X



SOCKET CONTACT  
PC TAIL, MID.  
GOLD PLATED


PANEL INSERT, SOCKET  
MAT'L: UV THERMOPLASTIC,  
BLACK



**PC TAIL VIEW**

W4291-10SG-300 - 10-POS. (11&12 CLOSED)  
W4291-11SG-300 - 11-POS. (12 CLOSED)  
W4291-12SG-300 - 12-POS. (ALL OPEN)

| CUSTOMER APPROVAL   |       |
|---|-------|
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|---|---|----------|--|--|---|
| A   | PAK   | 09/12/19 | DRAWING CREATED AND RELEASED PER DOR 10-2523JS-1 |  |   |
| REV.  | INIT.   | DATE     | DESCRIPTION                                      |  |   |
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|   |   |          | CHECKED BY:                                      |  |   |
| ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS.<br><br>UNLESS OTHERWISE SPECIFIED TOLERANCES<br>3 PLACE DECIMALS ±.005<br>ANGLES ±1°<br>FRACTIONS ±1/16 |   |          | APPROVED BY:                                     |  | TITLE:<br>PANEL SOCKET, E-KEY<br>12-POS., #20 PC TAIL, INTERMEDIATE<br>MULTI-CON-X, WEATHER RESISTANT<br>STANDARD PRODUCT     |
|   |   |          | SCALE SIZE SHEET<br>NTS B 1 OF 1                 |  |   |
| ▷   | = CRITICAL CHARACTERISTIC FLAG PER SPEC. XXXX |          | FILE:<br>W4291-1XSG-300                          |  | PART NUMBER:<br>W4291-1XSG-300  |
|   |   |          | DIRECTORY:<br>SLW                                |  |   |
|   |   |          |  |  | REV<br>A  |

# Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Switchcraft:

[W4291-11SG-300](#) [W4291-12SG-300](#) [W4291-10SG-300](#)