



USB 2.0

# MIL-DTL-38999 Series III Type Connectors



233-341 USB 2.0 Type A receptacle  
to size 22D crimp removable contacts



Plug  
Front View



Jam Nut  
Receptacle  
Front View



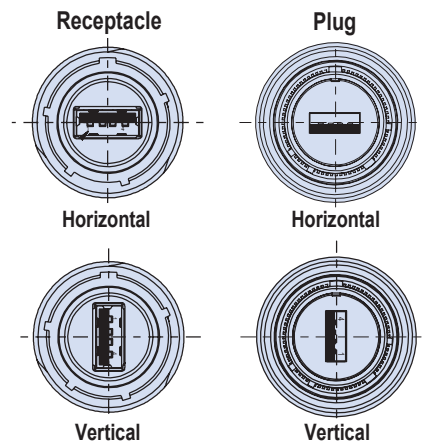
Square Flange  
Receptacle  
Rear View

| How to Order            |                                              |    |    |     |   |   |   |   |   |
|-------------------------|----------------------------------------------|----|----|-----|---|---|---|---|---|
| Sample Part Number      | 233-341                                      | NF | 00 | -15 | 2 | A | N | H | T |
| Basic Number            | 233-341                                      |    |    |     |   |   |   |   |   |
| Finish¹                 | See Material and Finishes table¹             |    |    |     |   |   |   |   |   |
| Connector Style¹        | See connector style table                    |    |    |     |   |   |   |   |   |
| Shell Size              | 15                                           |    |    |     |   |   |   |   |   |
| RJ45 Category           | 2 = USB 2.0                                  |    |    |     |   |   |   |   |   |
| USB Interface Type      | A = Type A                                   |    |    |     |   |   |   |   |   |
| Alternate Key Position¹ | A, B, C, D, E, N = Normal; per MIL-DTL-38999 |    |    |     |   |   |   |   |   |
| USB Orientation         | H = Horizontal    V = Vertical               |    |    |     |   |   |   |   |   |
| Shrink Boot             | T = Shrink Boot (Omit for None)              |    |    |     |   |   |   |   |   |

## 233-341 Superseded by 233-345

| Connector Style <sup>1</sup> |                                               |
|------------------------------|-----------------------------------------------|
| 00                           | Square flange receptacle with slotted holes   |
| 07                           | Jam nut receptacle                            |
| D0                           | Wall mount receptacle with slotted holes      |
| CM                           | Wall mount receptacle with metric clinch nuts |
| G6                           | Plug                                          |

### USB Orientation Options (Partial Views Shown)



*All external dimensions, features, etc. compliant with D38999/20, /24, &/26. Consult factory for additional information.*

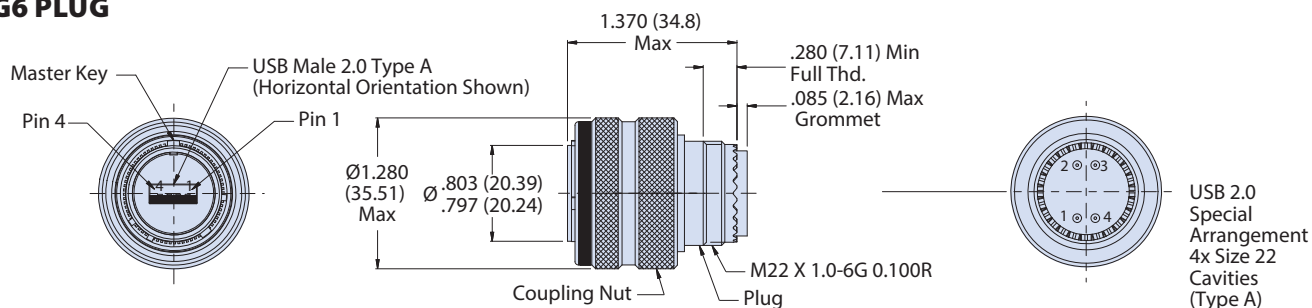
| Materials and Finishes <sup>1</sup> |                    |
|-------------------------------------|--------------------|
| NF                                  | Cadmium olive drab |
| M                                   | Electroless nickel |
| MT                                  | Nickel PTFE        |

### NOTES

- See Section A for alternate key positions, panel cutout dimensions and complete material and finish options
- Front panel mount only
- All external dimensions, features, etc. Compliant with D38999/20, /24 & /26. Consult factory for additional information

| USB 2.0 Wiring |         |                   |             |                              |
|----------------|---------|-------------------|-------------|------------------------------|
| Pin            | Name    | Cable Color (USB) | Description | Recommended Wire Sizes (AWG) |
| 1              | (V Bus) | Red               | +5 V        | 22                           |
| 2              | (D-)    | White             | Data -      | 28                           |
| 3              | (D+)    | Green             | Data +      | 28                           |
| 4              | (GND)   | Black             | Ground      | 22                           |

### G6 PLUG





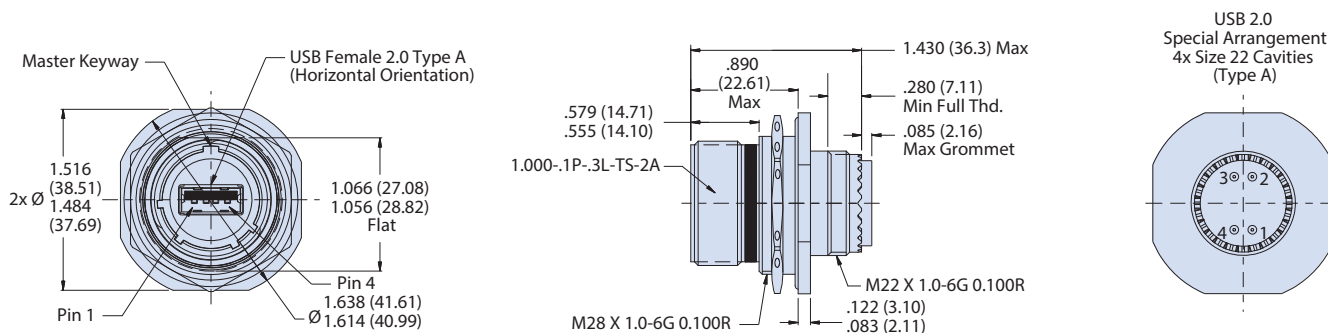
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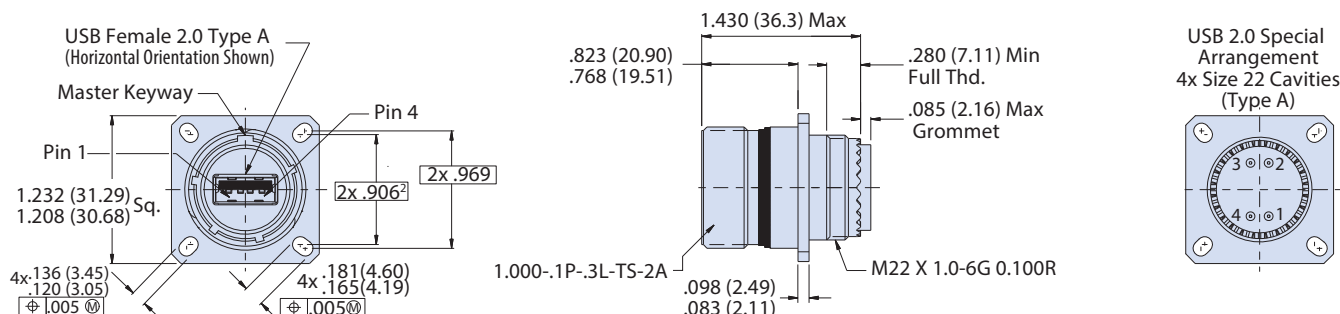


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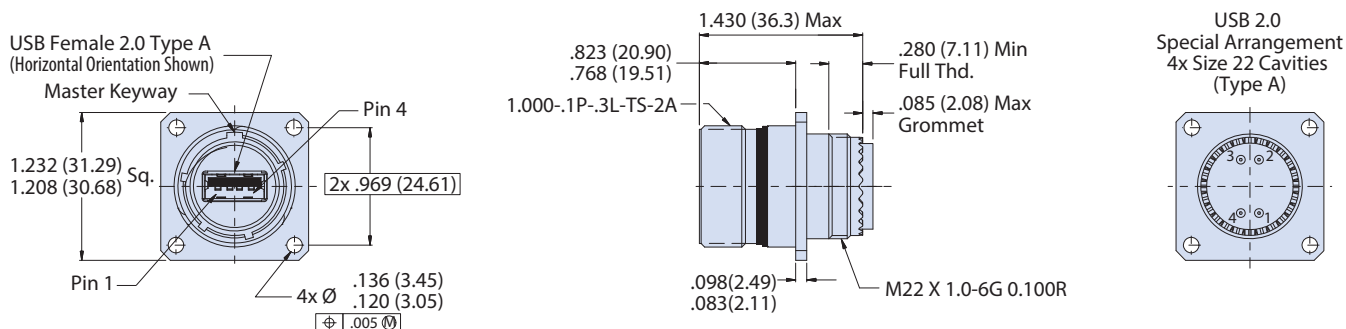
## 07 - REAR PANEL MOUNT, JAM NUT RECEPTACLE WITH ACCESSORY THREADS



## 00 WALL MOUNT RECEPTACLE WITH ACCESSORY THREADS



## DO - WALL MOUNT RECEPTACLES WITH ACCESSORY THREADS



## CM - WALL MOUNT RECEPTACLES WITH ACCESSORY THREADS

