



# Datasheet for part number MS27468T23B53SA

|                                          |                                                                                 |
|------------------------------------------|---------------------------------------------------------------------------------|
| Our Catalog Part Number: MS27468T23B53SA |                                                                                 |
| Brand: Cannon                            | Product Category: Circular Product Line: 38999 Series I, II, and III Series: KJ |

| Product Datasheet                 |                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------|
| SERIES                            | MIL - DTL - 38999 Series I                                                    |
| STYLE                             | Jam nut receptacle                                                            |
| CLASS                             | Environment resistant (without rear accessory)                                |
| SHELL SIZE                        | 23                                                                            |
| SHELL MATERIAL                    | Corrosion resistant shells of aluminum alloy                                  |
| INSULATOR MATERIAL                | High grade plastic                                                            |
| GROMMET AND SEAL MATERIAL         | Silicone base elastomer                                                       |
| PLATING                           | Olive drab cadmium over electroless nickel plate                              |
| ARRANGEMENT                       | 23-53                                                                         |
| NUMBER OF CONTACTS                | 53 contacts size 20                                                           |
| GENDER                            | Socket                                                                        |
| CONTACT TYPE                      | Rear release crimp snap-in contacts                                           |
| CONTACT MATERIAL                  | Copper Alloy, gold plate                                                      |
| POLARIZATION                      | 80°                                                                           |
| LOW PROFILE / LIGHT WEIGHT        | no                                                                            |
| SCOOP PROOF                       | yes                                                                           |
| COUPLING SYSTEM                   | Bayonet                                                                       |
| ELECTROLYTIC EROSION              | no                                                                            |
| DURABILITY (CYCLES)               | 500                                                                           |
| HIGH IMPACT SHOCK                 | yes                                                                           |
| EXTERNAL BENDING MOMENT (Size 25) | 650 in/lbs                                                                    |
| RANDOM VIBRATION "J"              | Ambient                                                                       |
| SINE VIBRATION                    | 30 G, Ambient                                                                 |
| SAND, DUST, ICE                   | yes                                                                           |
| TEMPERATURE RANGE                 | 65°C (85°F) to + 175°C (+347°F)                                               |
| CORROSION RESISTANT               | 500 hours                                                                     |
| TEST SERVICE RATING (MATED)       | Sea Level = 1800<br>50000 ft. = 1000<br>70000 ft. = 1000<br>100000 ft. = 1000 |
| TEST SERVICE RATING (UNMATED)     | Sea Level = 1800<br>50000 ft. = 600<br>70000 ft. = 400<br>100000 ft. = 200    |
| OPERATING VOLTAGE                 | Vrms = 600<br>Vdc = 850                                                       |