



Datasheet for part number MS27656T25B35S

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| Our Catalog Part Number: MS27656T25B35S   |
| Brand: Cannon Product Category: Circular Product Line: 38999 Series I, II, and III Series: KJ |

| Product Datasheet                 |  |
|-----------------------------------|--|
| SERIES                            | MIL - DTL - 38999 Series I   |
| STYLE                             | Wall mounting receptacle (back panel mounting)                             |
| CLASS                             | Environment resistant (without rear accessory)                             |
| SHELL SIZE                        | 25   |
| 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                       | 25-35  |
| NUMBER OF CONTACTS                | 128 contacts size 22D  |
| GENDER                            | Socket   |
| CONTACT TYPE                      | Rear release crimp snap-in contacts  |
| CONTACT MATERIAL                  | Copper Alloy, gold plate   |
| POLARIZATION                      | 95°  |
| 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 = 1300<br>50000 ft. = 800<br>70000 ft. = 800<br>100000 ft. = 800 |
| TEST SERVICE RATING (UNMATED)     | Sea Level = 1300<br>50000 ft. = 550<br>70000 ft. = 350<br>100000 ft. = 200 |
| OPERATING VOLTAGE                 | Vrms = 433<br>Vdc = 613  |