



Datasheet for part number D38999/20FC8AN

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| Our Catalog Part Number: D3899920FC8AN  |
| Our Global Manufacturing Part Number: 113013-0007   |
| Brand: Cannon Product Category: Circular Product Line: 38999 Series I, II, and III Series: KJ |

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|-----------------------------------|---|
| Product Datasheet                 |   |
| SERIES                            | MIL - DTL - 38999 Series III  |
| STYLE                             | Wall mounting receptacle  |
| CLASS                             | Environment resistant (without rear accessory)                                |
| SHELL SIZE                        | 13  |
| SHELL MATERIAL                    | Corrosion resistant shells of aluminum alloy                                  |
| INSULATOR MATERIAL                | High grade plastic  |
| GROMMET AND SEAL MATERIAL         | Silicone base elastomer   |
| PLATING                           | Electroless nickel  |
| ARRANGEMENT                       | 13-8  |
| NUMBER OF CONTACTS                | 8 contacts size 20  |
| GENDER                            | Pin   |
| CONTACT TYPE                      | Rear release crimp snap-in contacts   |
| CONTACT MATERIAL                  | Copper Alloy, gold plate  |
| POLARIZATION                      | AR° or AP° BSC=95°<br>BR° or BP° BSC=141°<br>CR° or CP° BSC=208°              |
| MOD. CONTACT                      | less contacts   |
| LOW PROFILE / LIGHT WEIGHT        | no  |
| SCOOP PROOF                       | yes   |
| COUPLING SYSTEM                   | Threaded coupling   |
| ELECTROLYTIC EROSION              | yes   |
| DURABILITY (CYCLES)               | 500   |
| HIGH IMPACT SHOCK                 | yes   |
| EXTERNAL BENDING MOMENT (Size 25) | 1000 in/lbs   |
| RANDOM VIBRATION "J"              | 492 F   |
| SINE VIBRATION                    | 60 G, 85 to +392 F  |
| SAND, DUST, ICE                   | yes   |
| TEMPERATURE RANGE                 | 65°C (85°F) to + 200°C (+392°F)   |
| CORROSION RESISTANT               | 48 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   |