



## **Excellent Integrated System Limited**

Stocking Distributor

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[ITT Cannon, LLC](#)  
[D38999/24FA35BC](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Datasheet for part number D38999/24FA35BC

|   |
|---|
| Our Catalog Part Number: D3899924FA35BC   |
| Our Global Manufacturing Part Number: 113009-0224   |
| Brand: Cannon Product Category: Circular Product Line: 38999 Series I, II, and III Series: KJ |

| Product Datasheet                 |  |
|-----------------------------------|--|
| SERIES                            | MIL - DTL - 38999 Series III   |
| STYLE                             | Jam nut receptacle   |
| CLASS                             | Environment resistant (without rear accessory)                             |
| SHELL SIZE                        | 9  |
| SHELL MATERIAL                    | Corrosion resistant shells of aluminum alloy                               |
| INSULATOR MATERIAL                | High grade plastic   |
| GROMMET AND SEAL MATERIAL         | Silicone base elastomer  |
| PLATING                           | Electroless nickel   |
| ARRANGEMENT                       | 9-35   |
| NUMBER OF CONTACTS                | 6 contacts size 22D  |
| GENDER                            | Socket   |
| CONTACT TYPE                      | Rear release crimp snap-in contacts  |
| CONTACT MATERIAL                  | Copper Alloy, gold plate   |
| POLARIZATION                      | AR° or AP° BSC=35°<br>BR° or BP° BSC=140°<br>CR° or CP° BSC=205°           |
| 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 = 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  |