ITT

# Datasheet for part number D38999/24WH35AA

| Our Catalog Part Number: D3899924WH35AA |
|---|
| Our Global Manufacturing Part Number: 113023-0619 |
| 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 | 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 | 23-35 |
| NUMBER OF CONTACTS | 100 contacts size 22D |
| GENDER | Pin |
| CONTACT TYPE | Rear release crimp snap-in contacts |
| CONTACT MATERIAL | Copper Alloy, gold plate |
| POLARIZATION | AR° or AP° BSC=135°<br>BR° or BP° BSC=170°<br>CR° or CP° BSC=200° |
| 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 + 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 |

Specifications and dimensions subject to change.