



Datasheet for part number MS27497T10F35S

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| Our Catalog Part Number: MS27497T10F35S |
| Brand: Cannon Product Category: Circular Product Line: 38999 Series I, II, and III Series: KJ |

| Product Datasheet | |
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| SERIES | MIL - DTL - 38999 Series II |
| STYLE | Wall mounting receptacle (back panel mounting) |
| CLASS | Environment resistant (without rear accessory) |
| SHELL SIZE | 10 |
| SHELL MATERIAL | Corrosion resistant shells of aluminum alloy |
| INSULATOR MATERIAL | High grade plastic |
| GROMMET AND SEAL MATERIAL | Silicone base elastomer |
| PLATING | Electroless nickel |
| ARRANGEMENT | 10-35 |
| NUMBER OF CONTACTS | 13 contacts size 22D |
| GENDER | Socket |
| CONTACT TYPE | Rear release crimp snap-in contacts |
| CONTACT MATERIAL | Copper Alloy, gold plate |
| POLARIZATION | 100° |
| LOW PROFILE / LIGHT WEIGHT | yes |
| SCOOP PROOF | no |
| COUPLING SYSTEM | Bayonet |
| ELECTROLYTIC EROSION | no |
| DURABILITY (CYCLES) | 250 |
| HIGH IMPACT SHOCK | no |
| EXTERNAL BENDING MOMENT (Size 25) | 150 in/lbs |
| RANDOM VIBRATION "J" | Ambient |
| TEMPERATURE RANGE | 65°C (85°F) to + 200°C (+392°F) |
| CORROSION RESISTANT | 48 hours |
| TEST SERVICE RATING (MATED) | Sea Level = 1300 50000 ft. = 800 70000 ft. = 800 100000 ft. = 800 |
| TEST SERVICE RATING (UNMATED) | Sea Level = 1300 50000 ft. = 550 70000 ft. = 350 100000 ft. = 200 |
| OPERATING VOLTAGE | Vrms = 433 Vdc = 613 |