



Datasheet for part number MS27473P20A41S

Our Catalog Part Number: MS27473P20A41S
Brand: Cannon Product Category: Circular Product Line: 38999 Series I, II, and III Series: KJ

Product Datasheet	
SERIES	MIL - DTL - 38999 Series II
STYLE	Straight plug
CLASS	Environment resistant with straight potting cup accessory
SHELL SIZE	20
SHELL MATERIAL	Corrosion resistant shells of aluminum alloy
INSULATOR MATERIAL	High grade plastic
GROMMET AND SEAL MATERIAL	Silicone base elastomer
PLATING	Bright cadmium over electroless nickel plate
ARRANGEMENT	20-41
NUMBER OF CONTACTS	41 contacts size 20
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 + 150°C (+302°F)
CORROSION RESISTANT	500 hours
TEST SERVICE RATING (MATED)	Sea Level = 1800 50000 ft. = 1000 70000 ft. = 1000 100000 ft. = 1000
TEST SERVICE RATING (UNMATED)	Sea Level = 1800 50000 ft. = 600 70000 ft. = 400 100000 ft. = 200
OPERATING VOLTAGE	Vrms = 600 Vdc = 850