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Energy Storage Power Connector

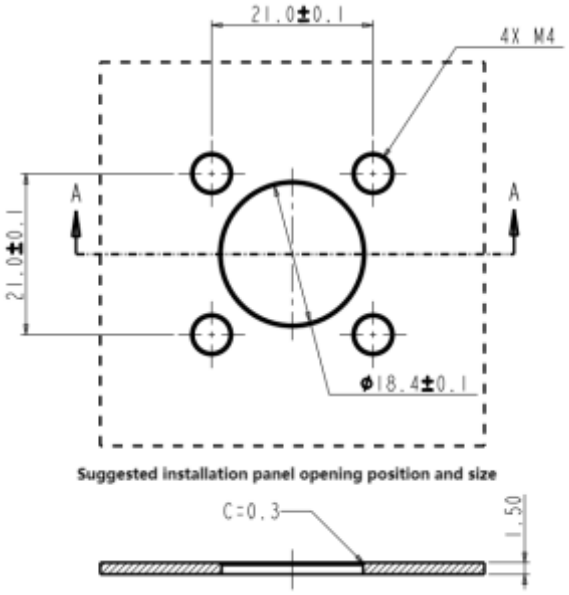
120-200A | 1000V DC | IP67 in inserted state



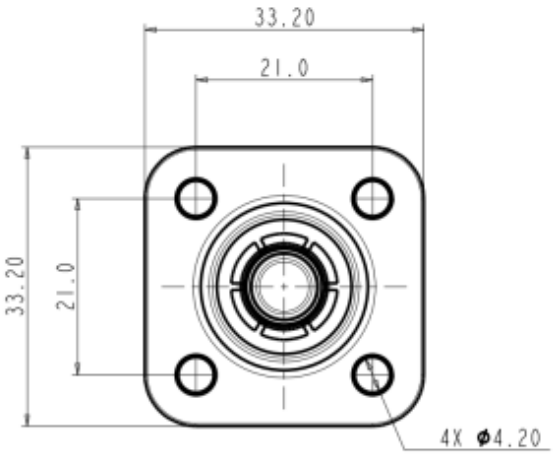
Rated voltage	1000V DC
25mm^2 cable configuration	120A
35mm^2 cable configuration	160A
50mm^2 cable configuration	200A
Operating temperature range	-40 to +125°C
Operating ambient temperature	-40 to +70°C
Withstanding voltage	4500V DC
Insulation resistance	100MΩ
Insertion / removal life	More than 100 cycles
Shielding	No
Protection	IP67 in inserted state; IP2XB
Salt spray test	48 hours
Flame rating	UL94-V0
Locking mechanism	Spring button
Panel installation screws	M4; torque below 0.7N·m
Copper-bar internal-thread screw	M6; torque below 6.0N·m

Outline and Mounting Dimensions

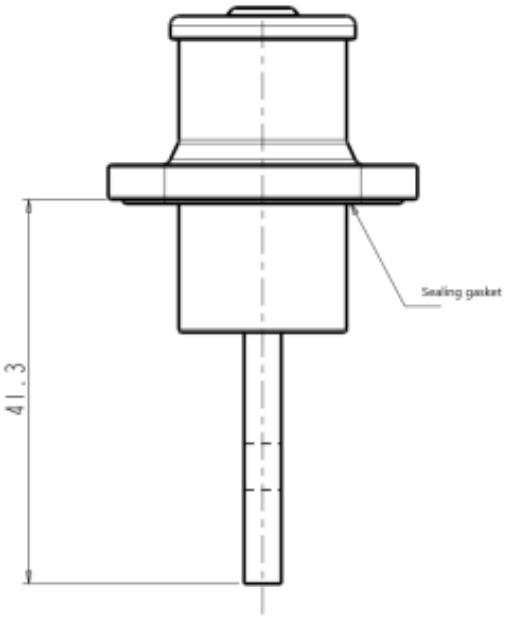
Panel cutout and mounting



Flange dimensions



Connector side profile



Connector assembly dimensions

