

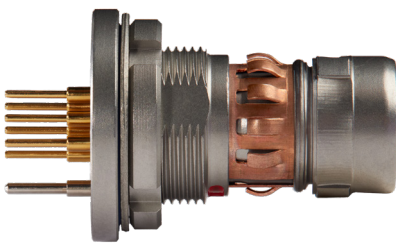


a HEICO Company

CMA SD Series

COMPACT SIZE AND STAINLESS STEEL
UP TO 10GB ETHERNET
HDMI
EMI RFI PROTECTION

High speed signals
in a minimum footprint



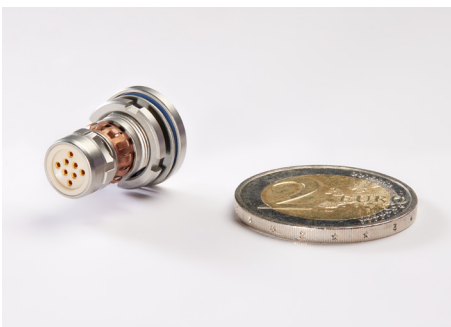
RECEPTACLE
WITH SHIELDING
RING



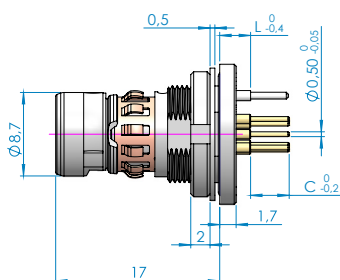
2 LAYOUTS :
8 CONTACTS
19 CONTACTS



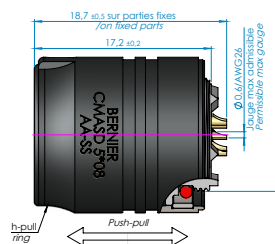
SEVERAL BACKSHELLS
AVAILABLE



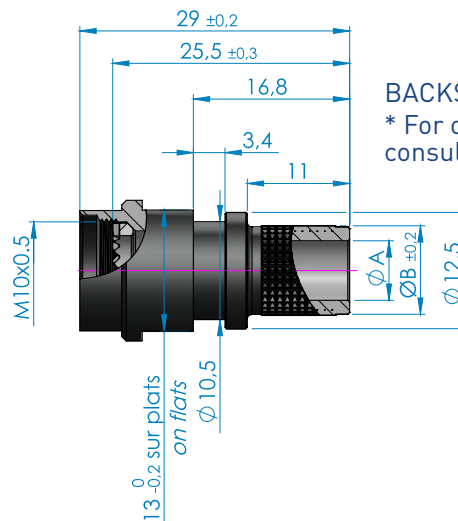
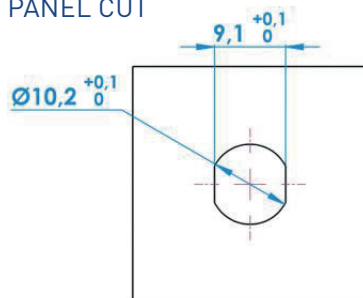
EXTENSION WITH SOLDER CUP CONTACTS



PLUG WITH SOLDER CUP CONTACTS



PANEL CUT



BACKSHELLS*

* For other backshells
consult our CMA catalog



MECHANICAL AND CLIMATIC CHARACTERISTICS

Locking
Push-pull

Operating temperature
-55°C to +125°C

Nbr of mating-unmating cycles
Up to 5000 cycles

Sealing

IP68 connected and disconnected

Corrosion resistance (Salt spray)
Stainless steel : 96 hours
Marine stainless steel : 250 hours
Marine bronze : 500 hours

Fluid resistance
Hydrocarbon and oils

ELECTRICAL CHARACTERISTICS

Nbr. of contacts	
8 contacts	19 contacts

Gauge - AWG	26	28
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Types of contacts
PCB pins or solder cup

Operating voltage	60 Vmax	28 Vmax
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Current rating per contact	
2 A max	1 A max

Contact resistance	$\leq 10 \text{ m}\Omega$	$\leq 20 \text{ m}\Omega$
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Insulating resistance
> 1000 MΩ under 500VDC

Dielectric strength
500 Veff at 50 Hz

EMI RFI Protection
Yes

MATERIALS

Connector shell
Stainless steel
Options : Marine stainless steel /
Marine Bronze

Connector shell plating
Beadblasted passivated

Insert
Thermoplastic / PEEK

Contacts

Copper alloy plated with gold over nickel

Shielding ring
Beryllium copper

Backshell Aluminum

Backshell plating
Black chrome
or Black anodizing

