

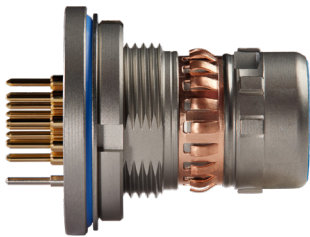


a HEICO Company

CMA Series

STAINLESS STEEL
PUSH-PULL / BREAKAWAY
360° EMI / RFI SHIELDING
HIGH SPEED DATA TRANSFER

A compact, ruggedized connector
built for demanding environments



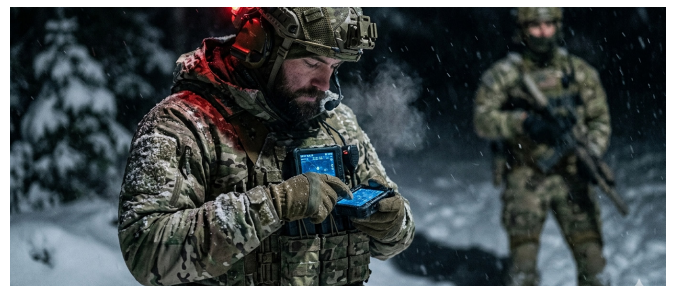
RECEPTACLE
FOR SOLDER CUP
OR PCB CONTACTS



PLUG
PUSH-PULL / BREAKAWAY

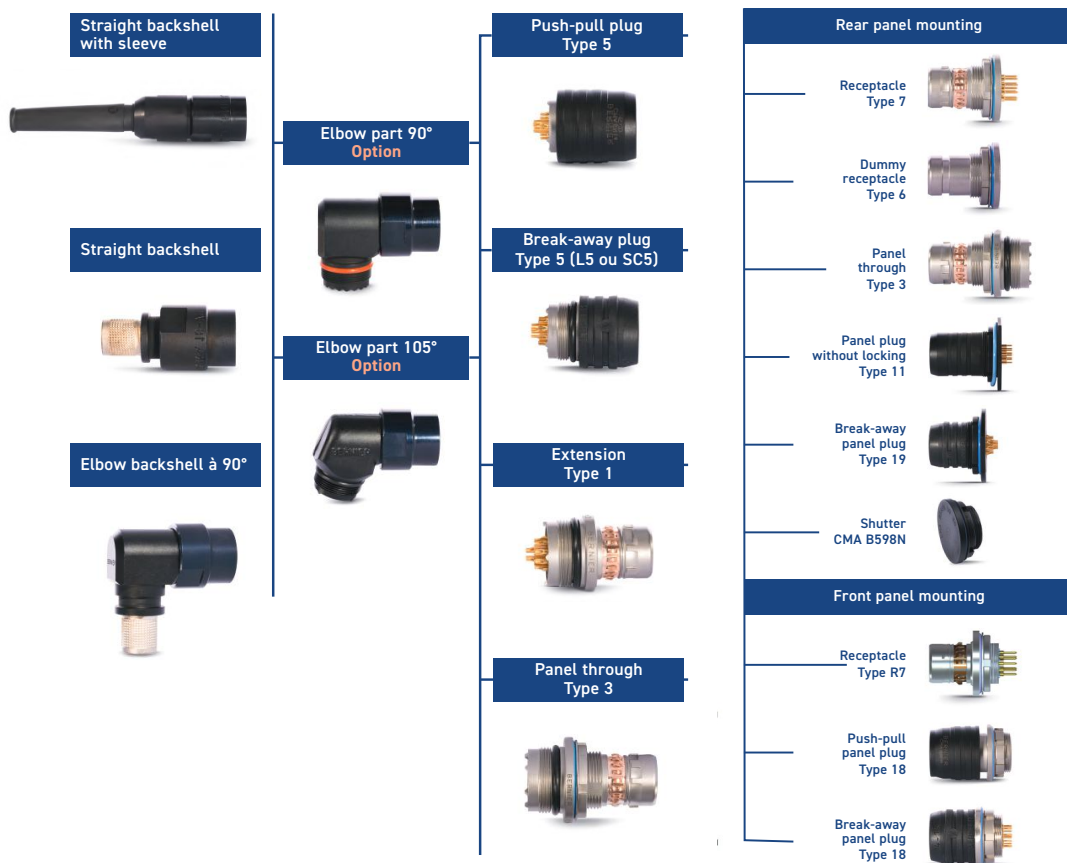


SEVERAL BACKSHELLS
AVAILABLE



SYNOPTIC

To see all part dimensions, please check our CMA catalog



TECHNICAL CHARACTERISTICS

MECHANICAL AND CLIMATIC CHARACTERISTICS

Locking

Push-pull, Breakaway

Operating temperature

-55°C to +125°C

Nbr of mating-unmating cycles

Up to 10 000 cycles (14 contacts)
and 5000 cycles (22 contacts)

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

4	6	10	14	22
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Gauge - AWG

18	18 (2 cts)	22	22	26
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Types of contacts

PCB pins or solder cup

Operating voltage

100V max	60Vmax
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Current rating per contact max

4 A	4 A 1,5 A	1,5 A	1,5 A	2 A
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Contact resistance

≤ 10 mΩ

Insulating resistance

> 1000 MΩ under 500VDC

Dielectric strength

500 Veff to 50 Hz

EMI RFI Protection

Yes

MATERIALS

Connector shell

Standard : Stainless steel

Options : Marine stainless steel and Marine bronze

Connector shell plating

Beadblasted Passivated / Sand blasted
Passivated / Black Chrome

Insert

Thermosetting	PBT
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Contacts

Copper alloy plated with gold over nickel

Shielding ring

Beryllium copper

Backshell

Aluminum or Stainless steel

Backshell plating

Black chrome / Black anodizing /
Sand blasted Passivated

