

CMC sealed Full interconnect

32, 48, 64 & 112 ways

Features

- CMC (Connecteur Modulaire pour Calculateur) is one of the most popular interfaces for Engine Management Electronic Control Units
- Sealed connector for Electronic Control Unit applications
- Mat seal and circumferential interface seal
- Accepts reversible wire dress cover
- Right or left mountable rotating lever for mate assistance
- Suitable for harsh environment
- 15 g sinus vibration resistant with Tin terminals
- 1.5 Bar pressure proof sealing
- Typical application: Powertrain Electronic Control Units



32 ways



48 ways



64 ways



112 ways

Technical characteristics

Number of ways		32 ways	48 ways	64 ways	112 ways
Sealing protection		IPx9K/IP68	IPx9K/IP68	IPx9K/IP68	IPx9K/IP68
Terminals	0.64 mm GTS-1	24	40	56	88
	1.50 mm GTS-2	8	8	8	24
Temperature range		-40°C to +125°C	-40°C to +125°C	-40°C to +125°C	-40°C to +125°C
Terminal retention force		> 100 N	> 100 N	> 100 N	> 100 N
Terminal insertion force		< 10 N	< 10 N	< 10 N	< 10 N
Connector mating force		< 60 N	< 60 N	< 60 N	< 60 N
Number of mechanical coding	Female housings	4	4	3	1

Part numbers

Pin headers		F670000 (blue)	17464807 (black)	F932300 (black)	1746B207M (black)
Female housings	Black left lever	-	PPI0001494	PPI0001500	PPI0001487 (32 w)*
	Black right lever	-	PPI0001495*	PPI0001501*	PPI0001488 (32 w)
	Blue left lever	PPI0001492	-	-	-
	Blue right lever	PPI0001493*	-	-	-
	Brown left lever	-	-	-	F765000 (48 w)*
	Brown right lever	-	-	-	F865000 (48 w)
	Grey left lever	-	-	-	PPI0001506 (32 w)
	Grey right lever	-	-	-	PPI0001489 (32 w)*
Cover 32 ways	Black	PPI0001522*	-	-	PPI0001522*
Cover 48 ways	Black	-	F965000*	-	F965000*
Cover 64 ways	Black	-	-	PPI0001526*	-

Other color codings available, please consult us.

* Preferred parts

GTS Terminals

0.64 & 1.5 mm

Features

- High performing one-piece terminal
- Lanceless version compatible with mat seal
- Temperature range -40 to +125°C
- Dual spring design with pre-loaded beam for enhanced contact force
- Low mating - unmating force
- Front protection of active beams



GTS 0.64 mm



GTS 1.5 mm

Performance characteristics

Terminal size	0.64 mm GTS-1	1.5 mm GTS-2
Pitch	2.2 mm	3.5 mm
Contact resistance	< 5 mΩ	< 4 mΩ
Contact mating force	< 5 N	< 6 N
Contact unmating force	< 3 N	< 4 N

Part Numbers

Wire size range	0.64 mm GTS-1	1.5 mm GTS-2
Female terminals, Tin plated		
0.35 mm ² equivalent to AWG 22	PPI0001619	-
0.5 mm ² equivalent to AWG 20	PPI0000489	-
1.25-1.3 mm ² equivalent to AWG 16	-	PPI0001483
1.4-2 mm ² equivalent to AWG 14	-	PPI0001484

	0.64 mm GTS-1	1.5 mm GTS-2
Dummy plug	PPI0001485	PPI0001486

Terminal Tooling

	0.64 mm GTS-1	1.5 mm GTS-2
Terminal extraction tool	PPI0001590	PPI0001592
Dummy plug insertion tool	PPI0001571	PPI0001572
Hand Crimping tool	CSV10	CSV10
Crimping die	GTS0641M	GTS1502M (for 1.25-1.3 mm ²) GTS1503M (for 1.4-2 mm ²)

CMC Tooling

Cover removal tool	C392000
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