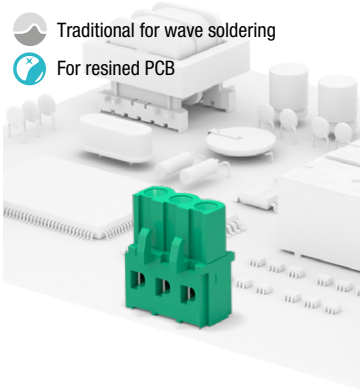
CGF

Traditional for wave soldering

For resined PCB



CGFH

STH for reflow soldering

MSL1

Last release

General data

Dimensional class:	medium
Standard colour:	green
Pitches:	metric 5 mm, 7.5 mm, 10 mm (.197 in, .295 in, .394 in) imperial 5.08 mm, 7.62 mm, 10.16 mm (.200 in, .300 in, .400 in)
PCB thickness:	max 2.4 mm (.094 in)
PCB hole diameter:	min 1.4 mm (.055 in)
Operating temperature range:	-40 °C ÷ +105 °C (-40 °F ÷ +221 °F)
Contact resistance:	<15 mΩ
Insulating material group:	I (CTI ≥ 600V)
Self-extinguishing class UL94:	V0
Insulation resistance:	$>10^9$ Ω (500V DC)

Certifications

UL (n. E167473) - CGF, CGFH

300 V - 15 A - for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch

600 V - 15 A - for 10 mm and 10.16 mm pitch

VDE (n. 40027448) - CGF

250 V - 16 A - for 5 mm and 5.08 mm pitch

500 V - 16 A - for 7.5 mm and 7.62 mm pitch

750 V - 16 A - for 10 mm and 10.16 mm pitch

IMQ (n. EM672) - CGF

300 V - 12 A - for 5 mm and 5.08 mm pitch

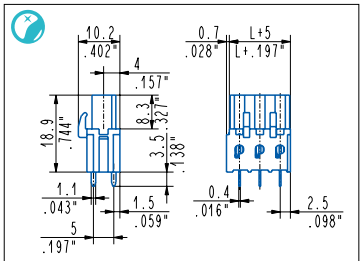
600 V - 12 A - for 7.5 mm and 7.62 mm pitch

1000 V - 12 A - for 10 mm and 10.16 mm pitch

Application values for end-use equipment have to be in accordance to norms and applicable to it. The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site **www.sauro.net** or your representative Sales Manager.

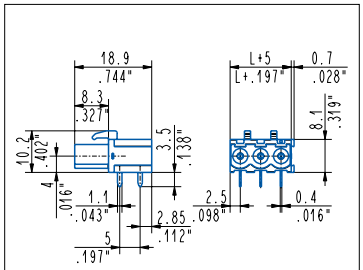
A higher number of poles is obtained by combining together **modular** parts.

Please see "CONNECTORS COMBINATIONS"



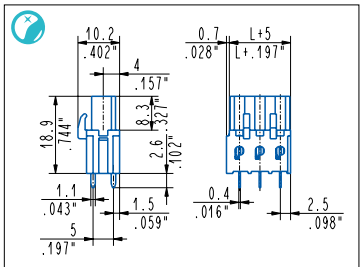
0°, modular

CGF__0M1 - 2 ÷ 6 poles, 5 mm / .197" pitch
CGF__0M3 - 2 ÷ 4 poles, 7.5 mm / .295" pitch
CGF__0M2 - 1 ÷ 3 poles, 10 mm / .394" pitch
CGF__0M5 - 2 ÷ 4 poles, 5.08 mm / .200" pitch
CGF__0M7 - 2 ÷ 4 poles, 7.62 mm / .300" pitch
CGF__0M6 - 1 ÷ 2 poles, 10.16 mm / .400" pitch



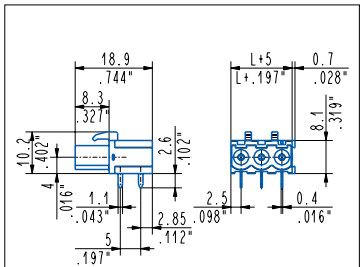
90°, modular

CGF__9M1 - 2 ÷ 6 poles, 5 mm / .197" pitch
CGF__9M3 - 2 ÷ 4 poles, 7.5 mm / .295" pitch
CGF__9M2 - 1 ÷ 3 poles, 10 mm / .394" pitch
CGF__9M5 - 2 ÷ 4 poles, 5.08 mm / .200" pitch
CGF__9M7 - 2 ÷ 4 poles, 7.62 mm / .300" pitch
CGF__9M6 - 1 ÷ 2 poles, 10.16 mm / .400" pitch



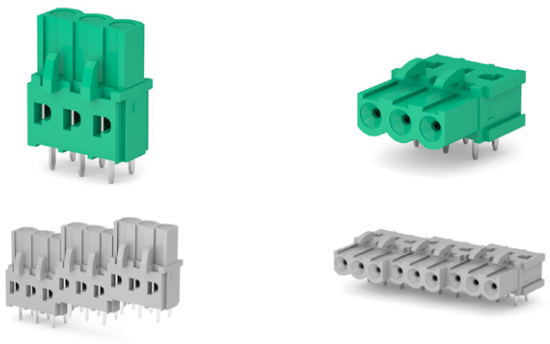
0°, modular

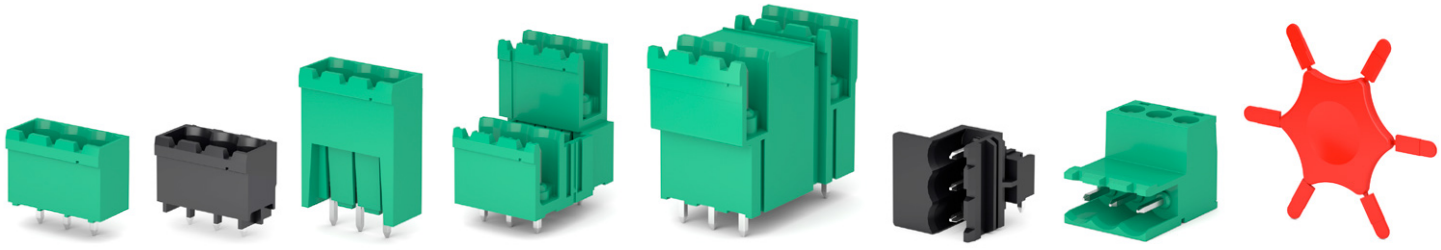
CGFH__0M1-0N 2÷6 poles, 5 mm / .197" pitch
CGFH__0M3-0N 2÷4 poles, 7.5 mm / .295" pitch
CGFH__0M2-0N 1÷3 poles, 10 mm / .394" pitch
CGFH__0M5-0N 2÷4 poles, 5.08 mm / .200" pitch
CGFH__0M7-0N 2÷4 poles, 7.62 mm / .300" pitch
CGFH__0M6-0N 1÷2 poles, 10.16 mm / .400" pitch



90°, modular

CGFH__9M1-0N 2÷6 poles, 5 mm / .197" pitch
CGFH__9M3-0N 2÷4 poles, 7.5 mm / .295" pitch
CGFH__9M2-0N 1÷3 poles, 10 mm / .394" pitch
CGFH__9M5-0N 2÷4 poles, 5.08 mm / .200" pitch
CGFH__9M7-0N 2÷4 poles, 7.62 mm / .300" pitch
CGFH__9M6-0N 1÷2 poles, 10.16 mm / .400" pitch



Usable with:

CIM	CIMH	CPM high	CPM/CPMH	CRM	CIMH normo	CGM	CIF-LC1
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