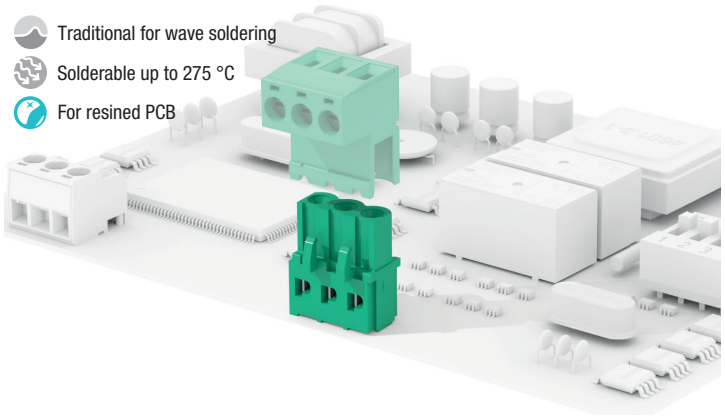
CGF

- Traditional for wave soldering
- Solderable up to 275 °C
- For resined PCB



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)
Insertion force per pole:	max 3 N (.674 lbf)
Withdrawal force per pole:	min 1,5 N (.337 lbf)
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
Insulation resistance:	$>10^9$ Ω (500V DC)
Insulating material group:	I (CTI ≥ 600V)

Certifications

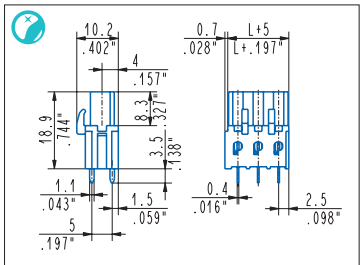
UL (n. E167473)
300 V - 15 A - for 5 mm, 5.08 mm, 7.5 mm and 7.62 mm pitch
600 V - 15 A - for 10 mm and 10.16 mm pitch

VDE (n. 40027448)
250 V - 16 A - 2.5 mm² - T100 - 2,5kV - 2 for 5 mm and 5.08 mm pitch
500 V - 16 A - 2.5 mm² - T100 - 4kV - 2 for 7.5 mm and 7.62 mm pitch
750 V - 16 A - 2.5 mm² - T100 - 6kV - 2 for 10 mm and 10.16 mm pitch

IMQ (n. EM672)
300 V - 12 A - 2.5 mm² - T110 - 4kV - III/2 for 5 mm and 5.08 mm pitch
600 V - 12 A - 2.5 mm² - T110 - 6kV - III/2 for 7.5 mm and 7.62 mm pitch
1000 V - 12 A - 2.5 mm² - T110 - 8kV - III/2 for 10 mm and 10.16 mm pitch

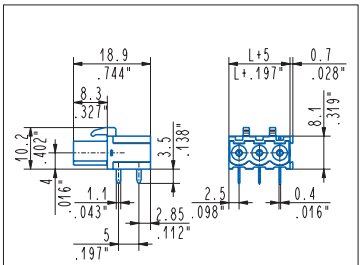
Application values for end-use equipment have to be in accordance to norms and applicable to it.
The certifications of some product's versions could be pending, for more detailed and updated data please refer to our web site **www.sauro.net** or your representative Sales Manager

Your drawings and notes



Straight, modular female

CGF__0M1 - 2 ÷ 6 poles, 5 mm / .197" pitch
CGF__0M3 - 2 ÷ 4 poles, 7.5 mm / .295" pitch
CGF__0M2 - 2 ÷ 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 - 2 ÷ 2 poles, 10.16 mm / .400" pitch



90°, modular female

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

Usable with:

CIM	CIMH	CPM	CPMH	CRM	CIMH normo	CGM
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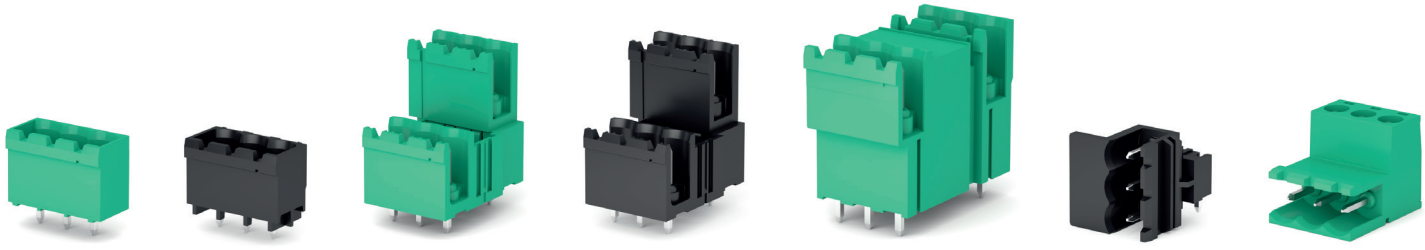

L = pitch x (poles - 1)