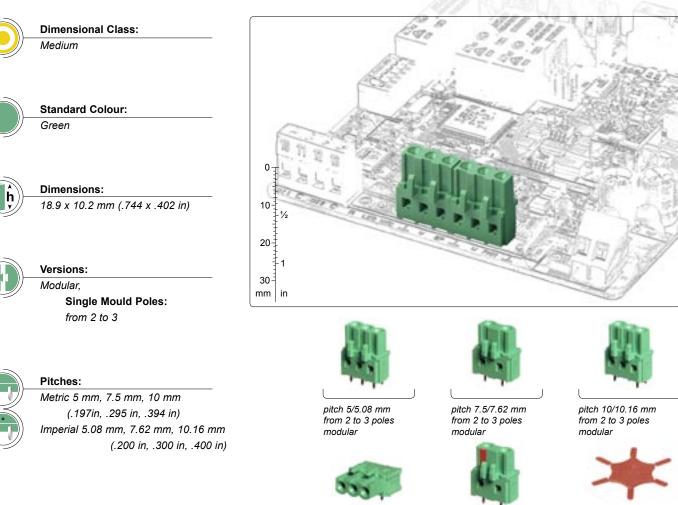
CONNECTORS

**Functional Characteristics** 





pitch 5/5.08 mm

from 2 to 3 poles 90° modular

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Brief Description

The CGF series of female connectors, which are to be soldered, were created so that the contacts to be soldered onto the board, which could be Electricly charged, are inaccessible. By using male connectors to be soldered on the same board, the inputs (male) can be clearly seen from the outputs (female).

The **CGF** is available in metric pitches from 5 mm (.197 in) from 7.5 mm (.295 in) and from 10 mm (.394 in) and in Imperial pitches from 5.08 mm (.200 in), from 7.62 mm (300 in) and from 10.16 mm (.400 in), in blocks from 2 to 25 poles, in side-stackable or modular versions. It is possible to connect the relative male parallel or vertical to the PCB.

The **CGF** female connector series to be soldered for PCBs is characterized by an asymmetric profile, so mistakes are prevented when connections are made. By taking advantage of its compatibility with the **CIM, CPM or CRM** male series which can be soldered to the board, it is possible to have board-board connections.

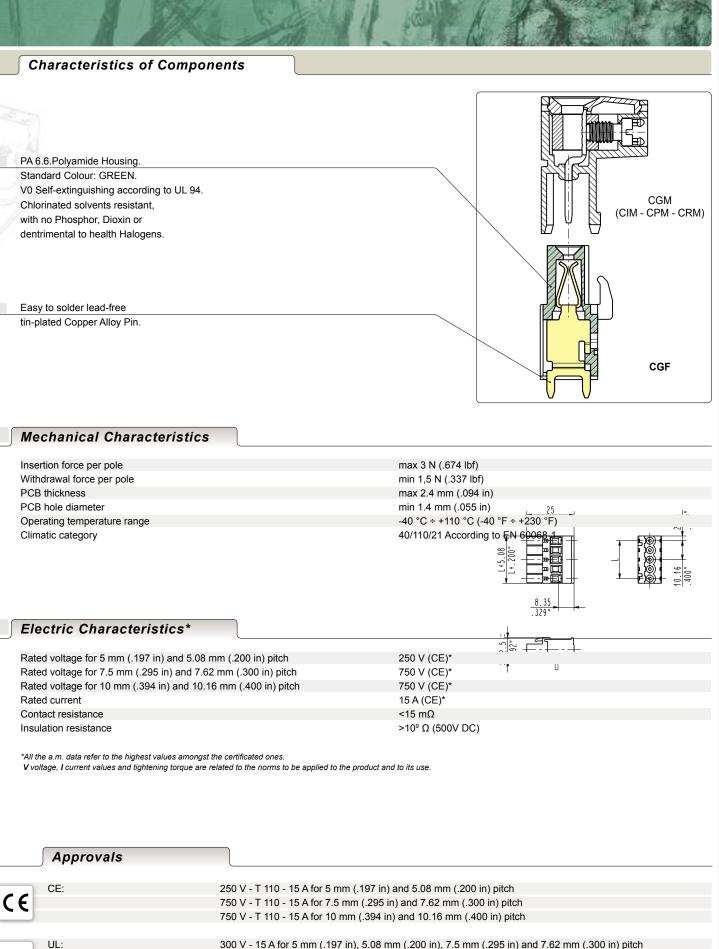
Further safety when connecting can be obtained by using the CIF-LC1 and CIM-SCI Coding Splines and Coding Clips (see page 20-21) or COF-SP1 Polarization Pegs (see page 18-19).

example of use of CIF-LC1 CIF-LC1

coding splines

It is possible to side-stack or assemble the basic modular connectors in order to obtain any number of poles without losing the pitch. By taking advantage of this particular characteristic a minimum stock of basic connectors can be kept.

It is simple to manage the product, the warehouse and the assembly with the Kit packages because several versions can be received with only one code, the part-numbers are significantly reduced and the risk of making mistakes is also reduced.



See also "Certifications of Products", page 14

pending

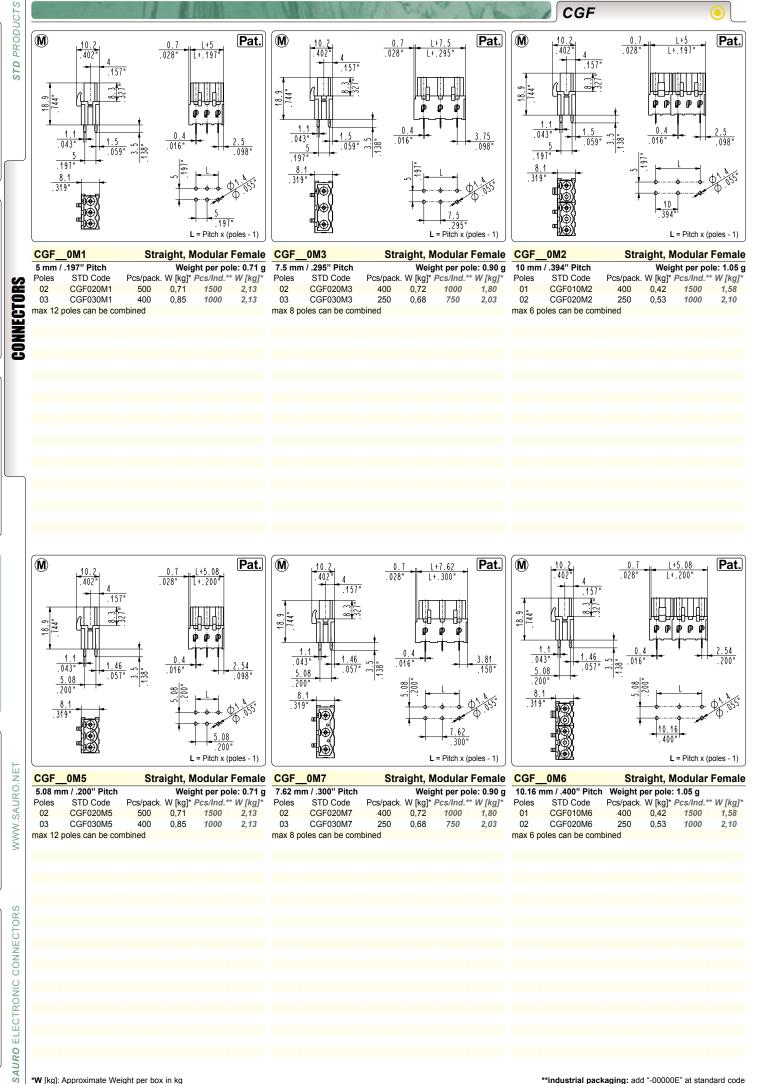
e**RL**'us

600 V - 15 A for 10 mm (.394 in) and 10.16 mm (.400 in) pitch

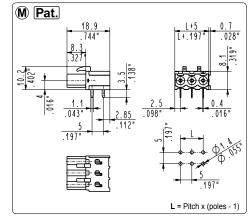
Application values for end-use equipment have to be in accordance to UL norms and applicable to it.

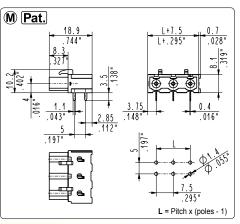
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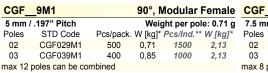
CGF

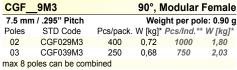


CGF





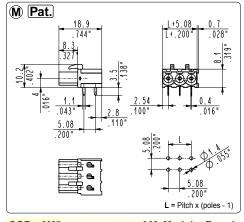




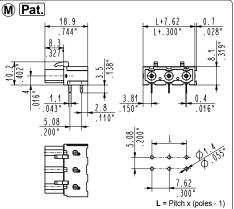
M Pat.	
18.9 744" 8.3 327 	L+5 L+.197* 028* 2.5 .098*
	$\begin{array}{c} 10\\ 10\\ 394^{"}\\ L = Pitch x (poles - 1) \end{array}$

STD PRODUCTS

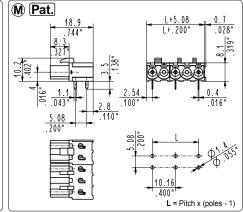
CGF_	_9M2		90°, N	Iodular	Female
10 mn	n / .394" Pitch		Weig	ght per po	le: 1.05 g
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	* W [kg]*
01	CGF019M2	400	0,42	1500	1,58
02	CGF029M2	250	0,53	1000	2,10
max 6 p	oles can be com	bined			



	CGF	9M5		90°, N	/lodular	Female	
	5.08 n	nm / .200" Pitch		Weig	ght per pol	e: 0.71 g	
	Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*	
	02	CGF029M5	500	0,71	1500	2,13	
	03	CGF039M5	400	0,85	1000	2,13	
max 12 poles can be combined							r



CGF	9M7		90°, N	lodular	Female			
7.62 n	nm / .300" Pitch		Weight per pole: 0.90 g					
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*			
02	CGF029M7	400	0,72	1000	1,80			
03	CGF039M7	250	0,68	750	2,03			
max 8 poles can be combined								



CGF	9M6		90°, N	lodular	Female		
10.16	mm / .400" Pitch		Weig	ght per pol	e: 1.05 g		
Poles	STD Code	Pcs/pack.	W [kg]*	Pcs/Ind.**	W [kg]*		
01	CGF019M6	400	0,42	1500	1,58		
02	CGF029M6	250	0,53	1000	2,10		
max 6 poles can be combined							

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(M) Modular version, combinable 2 ÷ ∞ poles Pat. Patented