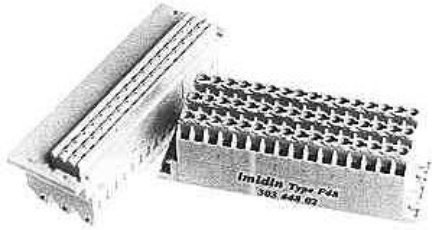


**Series 303.448.02.000 DIN 41612
Type-F 48 Pin**

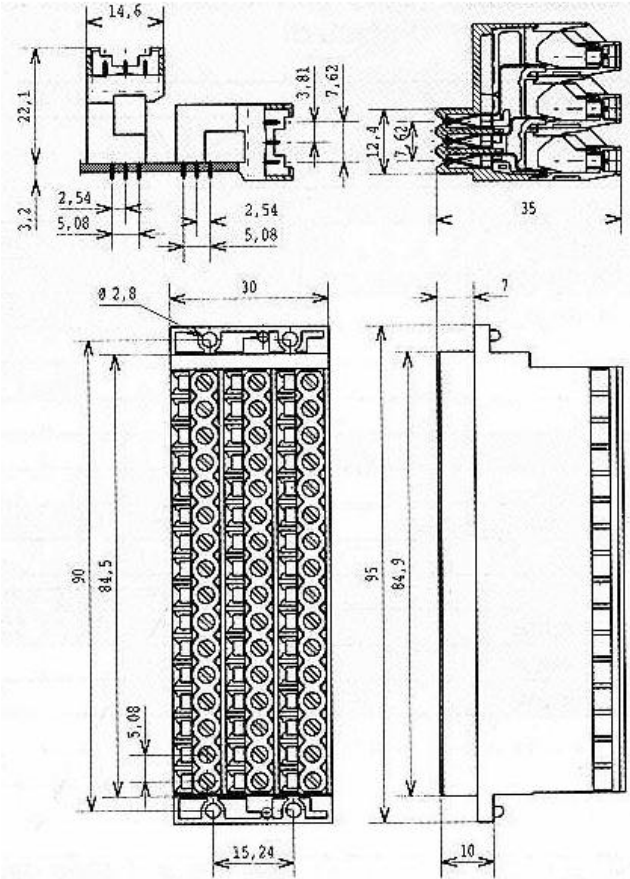
- ❑ 22-14Awg, 6A Amp, 300V
- ❑ Flammability Rating UL 94VO
- ❑ UL, CSA approved and VDE rated
- ❑ Center to center pin spacing: .200"/5.08mm
- ❑ Number of Positions: 48



Application Notes:

Socket parallel screw-wire 48 contact connector pluggable with header type F 48, DIN 41612. Patented.

The 303.448.02.000 mates with the following Headers:
 399.948.42.000 DIN 41612 Type-F Right Angle Header
 399.348.42.000 DIN 41612 Type-F Vertical Header



Dimensional Data

Center to Center Spacing (P)	.200" / 5.08mm
Number of positions (N)	48
Captive screws	Ø.118" / M3
Blade of screwdriver	.138" x .20" / 3.5mm x 0.5mm
Recommended tightening torque	5.22 lb./in. / 0.6 mN
Insulation stripping length	.315" ± .20" / 6mm ± 0.5mm

Technical Data

Contact Resistance	≤ 10 m Ω
Socket contact spring (plating)	Bronze (nickel / gold)
Mating cycles	Consult us
Housing	UL 94 V O grey polycarbonate
temperature storage	- 40° F + 258° F / - 40°C + 100°C
Operating temperature	- 20°C + 85°C
Insulation resistance	≥ 10 ¹² Ω

Electrical Characteristics

	UL	CSA	NFC-UTE	DIN-VDE
Wire range (solid or stranded)	22-14 AWG	22-14 AWG	2.5 mm ²	2.5 mm
Maximum current rating (+ 68°F / + 20°C)	6A	6A	6A	6A
Operating voltage rating	V _≈ 300	300	250 V	250 V
Dielectric withstand	V _≈ 1600	1600	1550 V	1550 V
Flammability	94 V O			

Other Options

301.432.02	D-32
302.432.02	E-32
303.432.02	F-32