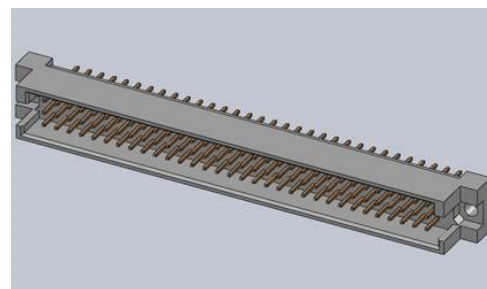


DIN 41612 CONNECTORS

Features:

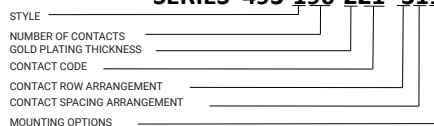
- High density 96 Contact 3 Row Metal-to-Metal Connector on 2.54mm (.100") Grid
- Contact Material and Finish: Brass with selective gold plating and tin on tails:
 - CLASS 3: 2- Gold Flash Plating
 - CLASS 2: 3- 15u" of Gold Plating
 - CLASS 1: 6- 30u" of Gold Plating
- Contact Tails: 0.6 x 0.5mm (.024" x .020")
- Contact Spacing: 2.54 x 2.54mm (.100" x .100") single, double or triple rows; or 2.54 x 5.08mm (.100" x .200") single, double or triple rows.
- Available in: 5, 8, 10, 15, 16, 20, 24, 30, 32, 48, 64, and 96 positions
- Connectors designed to meet DIN 41612-R (Male) specification



Specifications:

Insulator Material	Thermoplastic Polyester Glass Filled, UL 94V-0
Contact Material	Copper Alloy
Contact Plating	Selective Gold Plating
Current Rating	2 Amperes @ 20°C
Contact Resistance	20 milliohms, maximum
Dielectric Withstanding Voltage	1000 V.A.C RMS
Insulation Resistance	Mated - 1000 Mega (10 ⁶) ohms
Basic Grid	2.54mm (.100")
Operating Temperature	-55°C to +105°C

SERIES 493-196-221 -311



Style:

1- STANDARD STYLE (STRAIGHT)

GOLD PLATING THICKNESS:

- 2- GOLD FLASH
- 3- 15 MICROINCHES OF GOLD
- 6- 30 MICROINCHES OF GOLD

CONTACT CODE:

- 21- PCB TAIL .157 (4.0) LG.
- 22- PCB TAIL .098 (2.5) LG.
- 40- W.W. TAIL .512 (13.0) LG.
- 41- W.W. TAIL .669 (17.0) LG.
- 70- PRESS-FIT TAIL .182 (4.6) LG.
- 73- PRESS-FIT TAIL .248 (6.3) LG.
- 80- PRESS-FIT, W.W.TAIL .512 (13.0) LG.
- 81- PRESS-FIT, W.W.TAIL .669 (17.0) LG.

CONTACT ROW ARRANGEMENT:

- 1- CONTACTS ON ROW "A"
- 3- CONTACTS ON ROW "A", "B" AND "C"
- 6- CONTACTS ON ROW "A" AND "C"

CONTACT SPACING ARRANGEMENT:

- 1- ROWS FULLY LOADED
- 2- EVEN NUMBER LOADED

MOUNTING OPTIONS:

- 1- ϕ .110" (ϕ 2.80mm), THROUGH HOLE
- 2- ϕ .098" (ϕ 2.50mm) SIDE MTG. HOLE

PITCH	NUMBER OF CONTACTS	CONTACT ROW ARRANGEMENT	CONTACT SPACING ARRANGEMENT		
2.54MM	96	abc	1- ROWS FULLY LOADED 		
	48	abc			
	30	abc			
	2.54MM	64	a-c	1- ROWS FULLY LOADED 	
		32	a-c		
		20	a-c		
		2.54MM	32	a--	1- ROWS FULLY LOADED
			16	a--	
			10	a--	
5.08MM	48	abc	2- EVEN NUMBER LOADED 		
	24	abc			
	15	abc			
	5.08MM	32	a-c	2- EVEN NUMBER LOADED 	
		16	a-c		
		10	a-c		
		5.08MM	16	a--	2- EVEN NUMBER LOADED
			8	a--	
			5	a--	

