

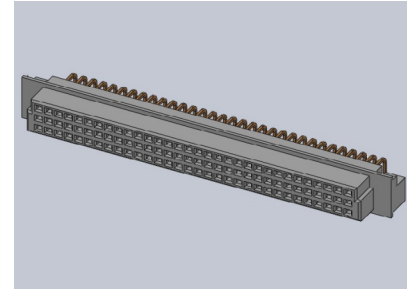
# 494 SERIES



## DIN 41612 CONNECTORS

### Features:

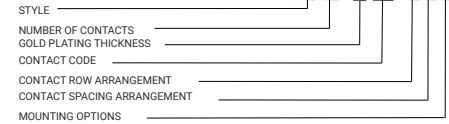
- High density 96 Contact 3 Row Metal-to-Metal Connector on 2.54mm (.100") Grid, Contacts:
- 90° Bend
- Contact Material and Finish: Phosphor Bronze with selective gold plating and tin on tails:
- CLASS 3: 2- Gold Flash Plating
- CLASS 2: 3- 15u" of Gold Plating
- CLASS 1: 6- 30u" of Gold Plating
- Contact Tails: 0.7 x 0.3mm (.027" x .012")
- 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: 8, 16, 24, 32, 48, 64, and 96 positions
- Connectors designed to meet DIN 41612-R (Female) specifications



### Specifications:

Insulator Material	30% Glass Filled PBT, UL 94V-0
Contact Material	Phosphor Bronze
Contact Plating	Selective Gold Plating
Current Rating	2 Amperes @ 20°C
Contact Resistance	30 milliohms, maximum
Dielectric Withstanding Voltage	1000 V.A.C RMS
Insulation Resistance	Mated - 1000 Mega (10 <sup>6</sup> ) ohms
Basic Grid	2.54mm (.100")
Operating Temperature	-55°C to +105°C

### SERIES 494-096-260 -312



- Style:**
- 0- STANDARD STYLE (R/ANGLE)
- GOLD PLATING THICKNESS:**
- 2- GOLD FLASH
  - 3- 15 MICROINCHES OF GOLD
  - 6- 30 MICROINCHES OF GOLD
- CONTACT CODE:**
- 60- R/ANGLE PCB .114 (2.9) 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:**
- 2-  $\phi$ .098"( $\phi$ 2.50mm) SIDE MTG. HOLE

PITCH	NUMBER OF CONTACTS	CONTACT ROW ARRANGEMENT	CONTACT SPACING ARRANGEMENT
2.54MM	96	a b c	"1- ROWS FULLY LOADED" 
	48	a b c	"1- ROWS FULLY LOADED" 
	64	a - c	"1- ROWS FULLY LOADED" 
	32	a - c	"1- ROWS FULLY LOADED" 
	32	a - -	"1- ROWS FULLY LOADED" 
	16	a - -	"1- ROWS FULLY LOADED" 
5.08MM	48	a b c	"2- EVEN NUMBER LOADED" 
	24	a b c	"2- EVEN NUMBER LOADED" 
	32	a - c	"2- EVEN NUMBER LOADED" 
	16	a - c	"2- EVEN NUMBER LOADED" 
	16	a - -	"2- EVEN NUMBER LOADED" 
	8	a - -	"2- EVEN NUMBER LOADED" 

