

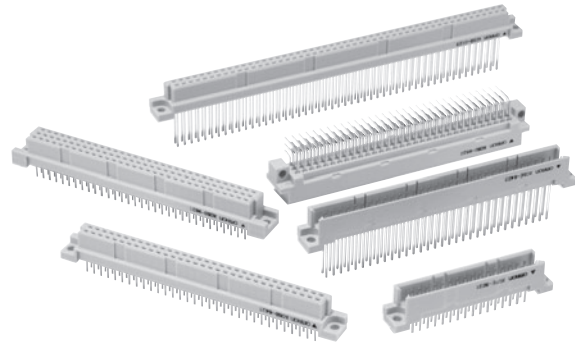
### A Wide Variety of DIN Connectors That Conform to UL/CSA Standards.

- Fully preserve the characteristics of normal DIN connectors while increasing the number of terminals available.
- A wide product range to fit almost any application.
- Meeting world market needs with products ranging from one-piece connectors (card edge) to two-piece connectors.
- Use the twin-contact system for high reliability and low cost.
- Lower insertion force as a result of FEM analysis techniques.
- Mates with OMRON's XC6-series connectors.
- Conform to UL standards (file no. E103202) and CSA standards (file no. LR 62678).

#### RoHS Compliant

### ■ Ratings and Characteristics

Rated current	2 A
Rated voltage	300 VAC
Contact resistance	20 mΩ max. (at 20 mV, 100 mA max.)
Insulation resistance	10 <sup>6</sup> MΩ min. (at 100 VDC)
Dielectric strength	1,000 VAC for 1 min (leakage current: 1 mA max.)
Total insertion force	0.59 N max. per contact
Removal force	0.15 N min. (with test gauge, t = 0.56 mm)
Insertion durability	200 times
Ambient operating temperature	Operating: -55 to 125°C (with no icing)



### ■ Materials and Finish

Item		Plugs (See note 2.)	Sockets
Housings		Fiber-glass reinforced PBT resin (UL94V-0)/gray	
Contacts	Mating end	Brass/nickel base, 0.4-μm gold plating (See note 1.)	Phosphor bronze/nickel base, 0.4-μm gold plating (See note 1.)
	Terminal	Brass/nickel base, 2.0-μm tin plating	Phosphor bronze/nickel base, 2.0-μm tin plating

**Note:** 1. For non-standard plating specifications, contact your OMRON representative.  
2. Wrap terminal contacts are made from phosphor bronze.

### ■ Applicable Wrap Post Wire Sizes

AWG30, AWG28, AWG26, or AWG24  
(Solid wire: 0.25 to 0.51 mm dia.)

### ■ Wrap Post Length

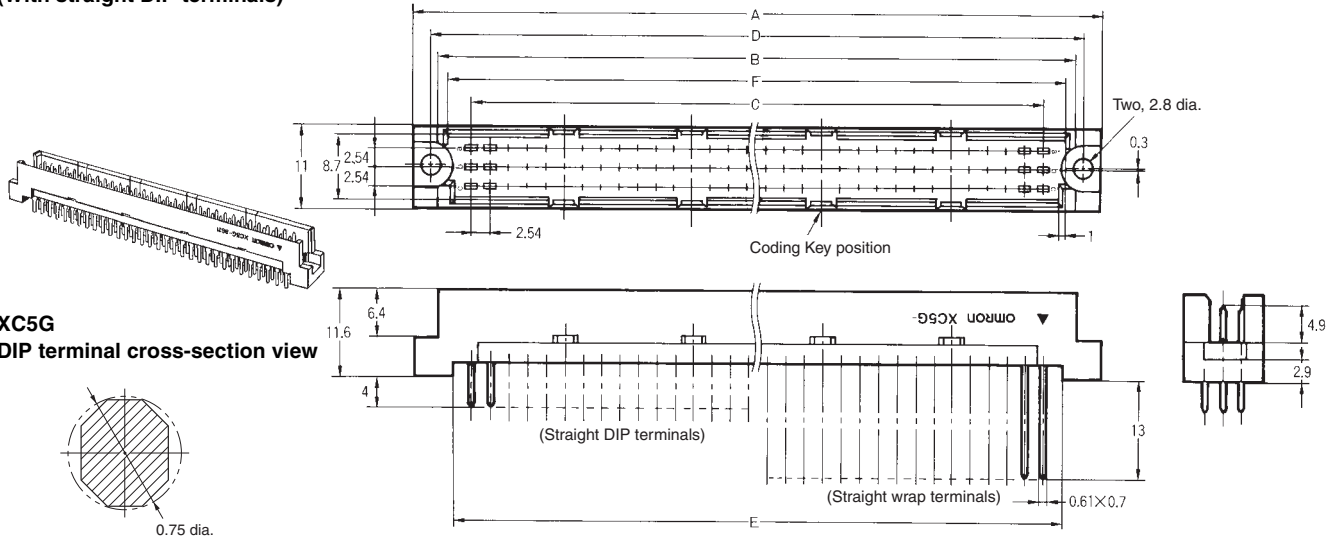
3 wires

# XC5G Triple-row Plugs, DIN R-type (Reverse)

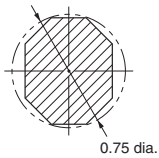
## ■ Dimensions

(unit: mm)

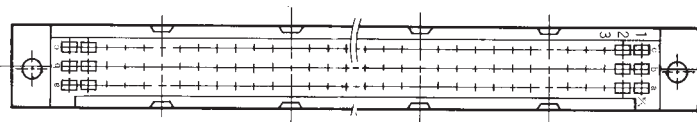
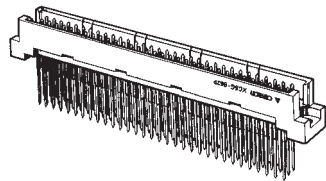
**XC5G-□□21**  
(With straight DIP terminals)



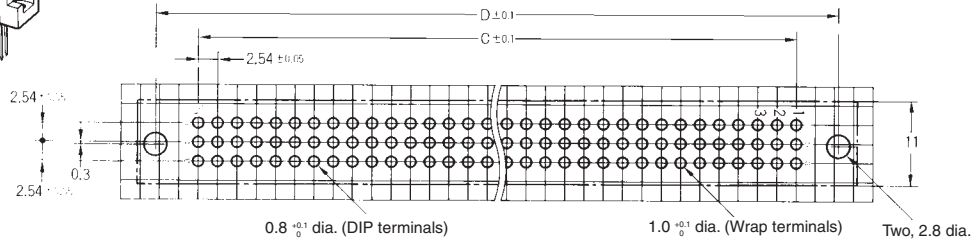
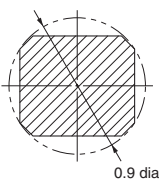
**XC5G**  
DIP terminal cross-section view



**XC5D-□□23**  
(With straight wrap terminals)



**XC5G**  
Wrap terminal cross-section view



### Dimensions

No. of contacts	Dimensions (mm)						Coding Key positions (contact No.)
	A	B	C	D	E	F	
48	54.2	47.4	38.10	49.36	43.3	44.6	5, 12
64*	94.8	88.0	78.74	90.00	83.9	85.2	6, 13, 20, 27
96	94.8	88.0	78.74	90.00	83.9	85.2	6, 13, 20, 27

\*Has no center row (row b).

## ■ Ordering Information

No. of contacts	Terminal type	
	Straight DIP terminals	Straight wrap terminals
48	XC5G-4821	XC5G-4823
64*	XC5G-6421	XC5G-6423
96	XC5G-9621	XC5G-9623

\*Has no center row (row b).

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [DIN 41612 Connectors](#) category:*

*Click to view products by [Omron](#) manufacturer:*

Other Similar products are found below :

[004.767](#) [608489050008049](#) [691327-1](#) [74670-0732](#) [74680-0340](#) [75880-0015](#) [76453-0014](#) [86093159ALF](#) [9732967801](#) [QLC260R](#)  
[120X10019X](#) [120X10089X](#) [122A10249X](#) [122A11089X](#) [122A13089X](#) [122A10089X](#) [122A10129X](#) [122A10349X](#) [122A13359X](#) [1377391-4](#)  
[DIN-048CPC-SR1-MH](#) [1393583-2](#) [1393726-7](#) [140X10129X](#) [143-1913-000](#) [143-1908-000](#) [1484472-1](#) [2110070-1](#) [2110070-2](#) [CBC20T00-](#)  
[008FDS5-0-1-002VR](#) [172699-5036](#) [2-1393557-4](#) [2-1437084-2](#) [394506](#) [419-2080-402](#) [V42254B2202C968](#) [419-2086-201](#) [419-2087-002](#)  
[448657-1](#) [448847-3](#) [5-1393755-9](#) [02990000004](#) [054302](#) [043556](#) [09062483201750](#) [0850033067](#) [09031646555](#) [09061486901840](#)  
[09185107324800](#) [102A10019X](#)