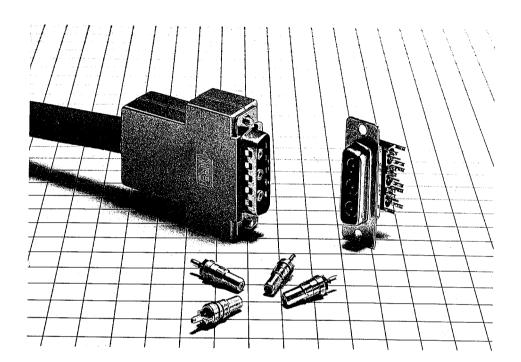
JDM TYPE COAXIAL TERMINAL CONNECTORS

General

The JDM Series are unitized connectors with a shell that is the same size as those of the SM Series. These connectors have a coaxial terminal mounting hole. The coaxial terminal is compatible with a wide range of

requirements, being available in soldering and PCB dip soldering models. The terminal is EMI-resistant and uses a special case.



Features

- (1) Compact and sturdy due to metal shell.
- (2) Uses insulation made from highly heat-resistant and chemical-resistant epoxy and PPS resins.
- (3) Available in various types of soldering, such as
- soldering, straight dip soldering, and right angle dip soldering. The coaxial terminals are compatible with al types of housing.
- (4) EMI-resistant model in a special case available.

Applications

Computers, peripherals and terminals, control equipment, radio equipment and measuring instruments.

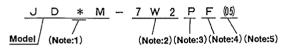
Connector Housing

Main Specifications

Description	Material	Finish	
Shell	Steel	Treated with dichromate over zin plating (dimpled connectors are soluter or nickel-plated).	
Insulator	Epoxy resin, PPS resin		
Male terminal	Brass	Gold-plated -	
Female terminal	Phosphor bronze	Gold-plated	

Item	Standard	
Contact resistance	20mV or less at 5A	
Current Rating	5A	
Insulation resistance	5,000 M Ω or higher at 500VDC	
Withstand voltage	AC1250V for one minute	

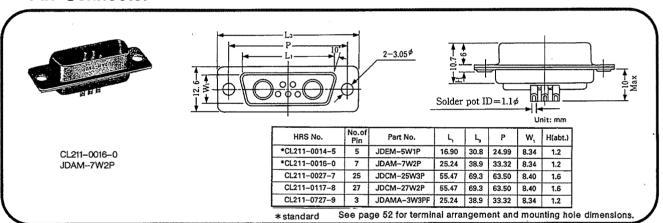
Ordering Information

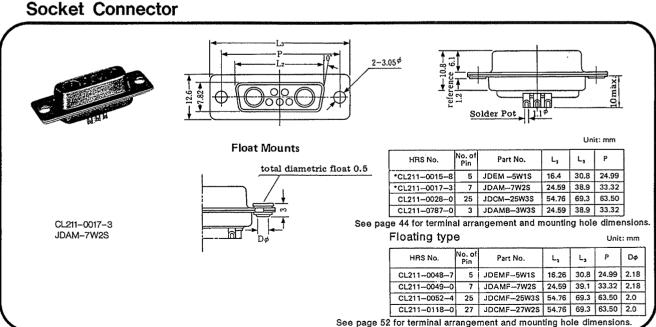


Note 1: Shell size A,B,C,D,E

- 2: Terminal arrangement The first numeral stands for the number of total contacts, and the last numeral for the number of coaxial terminal mounting holes.
 3: Shape of terminalP: Male, S: Female
- 4: Shape of shell F-dimpled housing
- 5: (0.5) Nickel-plated shell

Pin Connector





Coaxial Contacts

The coaxial terminal for the JDM Series connectors are described below. When ordering, specify the models meeting your application requirements.

Mount these coaxial terminals from the connector wiring connection side because they are of snap-in type.

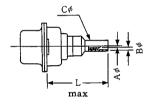
Electrical and Environmental

Component	Material	Finish
P Shell	Brass	Gold-plated
R shell	Phosphor bronze	Gold-plated
Insulation	Tetrafluoride resin	
Male terminal	Brass	Gold-plated
Female terminal	Phosphor bronze	Gold-plated

Item		Standard			
Contact resistance	5A, 20mV or less				
Insulation resistance	500 VDC, 5,000 MΩ or more				
Withstand	Model SS	1,000 VDC for 1 min.			
voltage	Model RS	800 VDC for 1 min.			

Straight Soldering Type

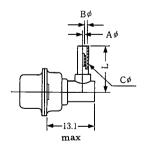
Unit: mm



							Onit. init
HRS No.	Part No.	L (max)	φА	φВ	φС	Applicable cable	Applicable connector
CL211-0033-0	JDM-CP-SS	15.9	1.02	2.4	1.5	RG-196/U	
CL211-0071-9	JDM-CP-SS2	20.2	2.6	4.5	2.5	2.5C-2V	JD 「」 -W 「」 P (Male connector)
CL211-0126-9	JDM-CP-SS4	15.8	1.7	3.1	1.5	RG-187/7 188/U	
CL211-0150-3	JDM-CP-SS11	15.8	1.7	3.6	2	1.5C-2V	
CL211-0813-9	JDM-CP-SS12	15.8	1.7	3.8	1.5	1.5D-QEW	
CL211-0034-2	JDM-CR-SS	15.9	1.02	2.4	1.5	RG-196/U	
CL211-0054-0	JDM-CR-SS2	20.2	2.6	4.5	2.5	2.5C-2V	
CL211-0127-1	JDM-CR-SS4	15.9	1.7	3.1	1.5	RG-187/U 188/U	S(Female ر D ا
CL211-0756-7	JDM-CR-SS11	15.9	1.8	3.5	1.5	1.5C-2V	connector)
CL211-0798-7	JDM-CR-SS12	15.9	1.7	3.8	1.5	1.5D-QEW	

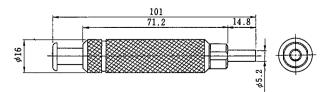
Right Angle Soldering Type

Unit: mm



HRS No.	Part No.	L	φА	φв	фС	Applicable cable	Applicable connector
CL211-0035-5	JDM-CP-RS	12.5	1.02	2.4	1.5	RG-196/U	
CL211-0055-2	JDM-CP-RS2	1.50	2.6	4.5	2.5	2.5C-2V	JD 「」 -W 「」 P (Male connector)
CL211-0080-0	JDM-CP-RS4	15.0	1.7	3.1	1.5	RG-187/U 188/U	
CL211-0070-6	JDM-CR-RS2	15.0	2.6	4.5	2.5	2.5C-2V	JD「」-W「」S(Female
CL211-0116-5	JDM-CR-RS6	15.0	3.2	5.2	2.5	RG-58/U	connector)

Extraction Tool of Coaxial Contacts

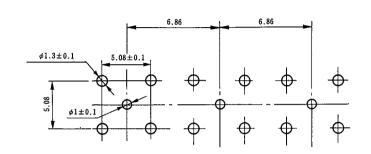


HRS No.	Part No.
CL211-0056-5	JDM-T

Straight Dip Type

JDAMB-3W3S JDM-CR-SSD CL211-0806-3

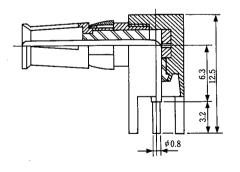
DM-CR-SSD backboard dimensions (JDAMB-3W3S)

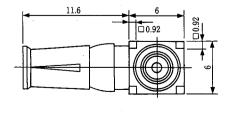


Right-angle Dip Type

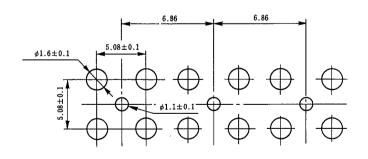


JDM-CR-RSD CL211-0776-4





JDM-CR-RSD backboard dimensions (JDAMB-3W3S)



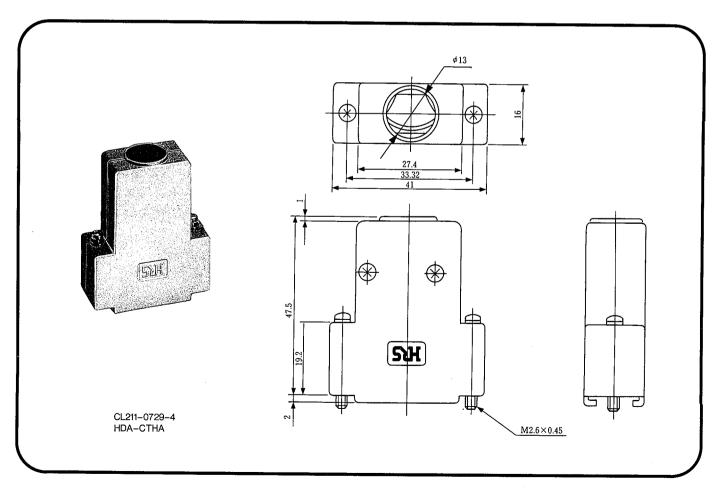
Plug Case

Main Material

Description	Material	Finish
Plug case	Zinc alloy die casting	Painted in silver

Ordering Information

- (1) Sign for connector
- (2) Connector size: A (15 contacts)
- (3) Sign for type of plug case
 CT: Plug case with a vertical cable inlet opening
- (4) Serial sign for type of plug case
 HA: Zinc alloy die casting, painted in silver



JDM Connector Terminal Arrangement

The terminal numbers illustrated below are as viewed from the mating face with the P (male) unit.

contact arrangement	(b) A1 8 9 0 4 5W1	7W2	1 2 3 3w3
shell size	E	A	A
No. of Pin	4	5	3
contact carity	1	2	3

contact arrangement	At A2 1 2 3 4 5 6 7 8 9 10 11 A3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A1 1 2 3 4 5 6 7 8 9 10 11 12 13 A2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
shell size	С	С
No. of Pin	22	25
contact carity	3	2

^{*} Order coaxial terminals separately from the connectors. For coaxial terminals, see page. 49

SM Series Mounting Hole Dimensions

Shell size a b

E 24.99 20.2

A 33.32 28.6

B 47.04 42.3

C 63.50 58.7

