

# Circular Connectors Conforming to JIS C 5432

## JR Series



### ■ Features

1. These round connectors conform to JIS C 5432 "Circular connectors for electric appliances."

### ■ Product Specifications

| Ratings | Rated current | Shell size | Number of contacts | Rated current                           |
|---------|---------------|------------|--------------------|-----------------------------------------|
|         |               | 13         | 3                  | 10A                                     |
|         |               |            | 5                  | 5A                                      |
|         |               | 16         | 7                  | 10A                                     |
|         |               |            | 10, 14             | 5A                                      |
|         |               | 21         | 10                 | 10A                                     |
|         |               |            | 16                 | 5A (Crimp type : 3A)                    |
|         |               |            | 26                 | 5A (Contact numbers A and B only : 10A) |
|         |               | 25         | 4                  | 30A                                     |
|         |               |            | 5, 16              | 10A                                     |
|         |               |            | 24                 | 5A (Crimp type : 3A)                    |

| Ratings | Rated voltage | Shell size | Number of contacts | Rated voltage                     |
|---------|---------------|------------|--------------------|-----------------------------------|
|         |               | 13         | 3, 5               | AC250, DC350V                     |
|         |               | 16         | 7, 10, 14          |                                   |
|         |               | 21         | 10, 16, 26         |                                   |
|         |               | 25         | 4, 5<br>16, 24     | AC1000V, DC1400V<br>AC250, DC350V |

| Ratings | Operating temperature range | -25 to +85℃ |
|---------|-----------------------------|-------------|
|         | Storage temperature range   | -10 to +60℃ |

| Items                    | Specifications                                                                                         | Conditions                                                                                                                               |
|--------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Contac resistance     | 5mΩ max.<br>JR 21-16 contact crimping type : 10mΩ max.<br>JR 25-24 contact crimping type : 10mΩ max.   | Measured at DC 1A                                                                                                                        |
| 2. Insulation resistance | 1,000MΩ min.<br>JR 25-4 and 5 contacts : 10,000MΩ min.                                                 | Measured at DC 500V                                                                                                                      |
| 3. Withstanding voltage  | No flashover or dielectric breakdown.                                                                  | AC 1,000V for 1 minute<br>JR 25-4, 5 contacts : AC 3,000V for 1 minute                                                                   |
| 4. Vibration resistance  | No electrical discontinuity for 10μs or greater                                                        | 10 to 55Hz/cycle, amplitude : 0.75mm, 3 directions, 2 hours each                                                                         |
| 5. Shock resistance      | No electrical discontinuity for 10μs or greater                                                        | Acceleration : 490m/s <sup>2</sup> , duration : 11ms, 6 axis directions, 3 cycles each                                                   |
| 6. Mating cycles         | Contact resistance : 10mΩ max.                                                                         | 500 times                                                                                                                                |
| 7. Temperature cycle     | Insulation resistance : 1,000MΩ min.<br>JR 25-4 and 5 contacts : Insulation resistance : 10,000MΩ min. | -40℃ : 30 minutes → Normal temperature : 10 to 15 minutes → 100℃ : 30 minutes → Normal temperature : 10 to 15 minutes, left for 5 cycles |
| 8. Moisture resistance   | Insulation resistance (when dry) 100MΩ min.<br>5,000MΩ min. : JR 25-4 , 5 contacts                     | Temperature : 40℃, relative humidity: 90 to 95%, left for 96 hours                                                                       |

### ■ Materials / Finish

| Part      | Material                  | Finish         | Remarks |
|-----------|---------------------------|----------------|---------|
| Shell     | Aluminum alloy            | Nickel plating | ————    |
| Insulator | Phenol resin<br>PPS resin | ————           | UL94V-0 |
| Contact   | Copper alloy              | Silver plating | ————    |

■Product Number Structure

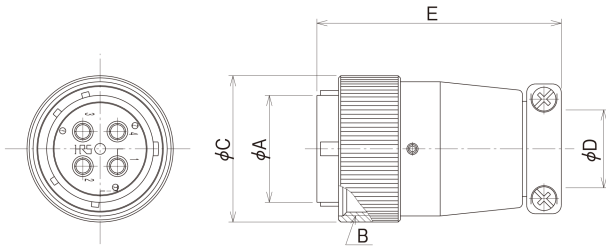
Refer to the chart below when determining the product specifications from the product number.  
Please select from the product numbers listed in this catalog when placing orders.

**JR 16 P A - 10 S C (\*\*)**  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

|                                                                                                                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ①Model name : JR Series                                                                                                                                                               | ⑤Number of contacts                                                                   |
| ②Shell size : The shell size is the outer shell diameter of the mating end of the plug.                                                                                               | ⑥Contact form<br>P : Male contact<br>S : Female contact                               |
| ③Shell type<br>P : Threaded lock plug J : Threaded lock jack<br>R : Threaded lock receptacle BP : Bayonet-lock plug<br>RC : Threaded lock receptacle cap BR : Bayonet-lock receptacle | ⑦Contact termination method:<br>None : Solder termination<br>C : Crimp termination    |
| ④Shell variation : Letters such as A, B, C, etc. indicate variations in the shell.                                                                                                    | ⑧Other specifications : A two-digit number is added to indicate other specifications. |

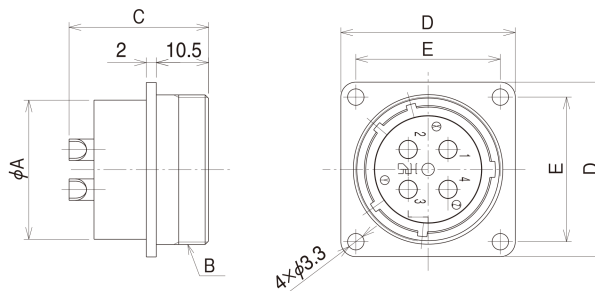
■Solder Type

●Threaded lock plug



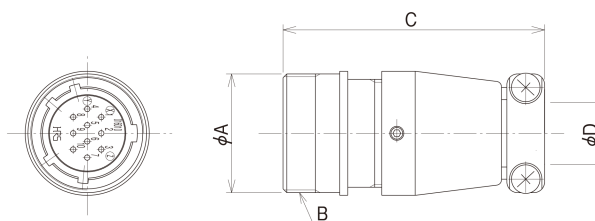
| Part No.       | HRS No.       | No. of contacts | φA   | B     | φC    | φD   | E    | JIS No.        |                |
|----------------|---------------|-----------------|------|-------|-------|------|------|----------------|----------------|
| JR13PK-3P(71)  | 114-0501-7 71 | 3               | 12.7 | M18×1 | 21.8  | 8.5  | 45.5 | CNR01SPM013003 |                |
| JR13PK-5P(71)  | 114-0502-0 71 | 5               |      |       |       |      |      | CNR01SPM013005 |                |
| JR16PK-7P(71)  | 114-0503-2 71 | 7               | 16.3 | M22×1 | 25.8  | 11.5 | 49.5 | CNR01SPM016007 |                |
| JR16PK-10P(71) | 114-0504-5 71 | 10              |      |       |       |      |      | CNR01SPM016010 |                |
| JR21PK-10P(71) | 114-0505-8 71 |                 | 16   | 20.5  | M26×1 | 29.8 | 15   | 53.5           | CNR01SPM021010 |
| JR21PK-16P(71) | 114-0506-0 71 | CNR01SPM021016  |      |       |       |      |      |                |                |
| JR25PK-16P(71) | 114-0507-3 71 | 24              | 24.7 | M30×1 | 33.8  | 18   | 56.5 | CNR01SPM025016 |                |
| JR25PK-24P(71) | 114-0508-6 71 |                 |      |       |       |      |      | CNR01SPM025024 |                |
| JR25PH-4P      | 114-0626-2    |                 |      |       |       |      |      | 4              | —————          |
| JR25PH-5P      | 114-0624-7    |                 |      |       |       |      |      | 5              | —————          |
| JR13PK-3S(71)  | 114-0509-9 71 | 3               | 12.7 | M18×1 | 21.8  | 8.5  | 45.5 | CNR01SPF013003 |                |
| JR13PK-5S(71)  | 114-0510-8 71 | 5               |      |       |       |      |      | CNR01SPF013005 |                |
| JR16PK-7S(71)  | 114-0511-0 71 | 7               | 16.3 | M22×1 | 25.8  | 11.5 | 49.5 | CNR01SPF016007 |                |
| JR16PK-10S(71) | 114-0512-3 71 | 10              |      |       |       |      |      | CNR01SPF016010 |                |
| JR21PK-10S(71) | 114-0513-6 71 |                 | 16   | 20.5  | M26×1 | 29.8 | 15   | 53.5           | CNR01SPF021010 |
| JR21PK-16S(71) | 114-0514-9 71 | CNR01SPF021016  |      |       |       |      |      |                |                |
| JR25PK-16S(71) | 114-0515-1 71 | 24              | 24.7 | M30×1 | 33.8  | 18   | 56.5 | CNR01SPF025016 |                |
| JR25PK-24S(71) | 114-0516-4 71 |                 |      |       |       |      |      | CNR01SPF025024 |                |
| JR25PH-4S      | 114-0627-5    |                 |      |       |       |      |      | 4              | —————          |

## ●Threaded lock receptacle



| Part No.   | HRS No.    | No. of contacts | φA             | B     | C     | D  | E  | JIS No.        |
|------------|------------|-----------------|----------------|-------|-------|----|----|----------------|
| JR13RK-3P  | 114-0517-7 | 3               | 15.9           | M18×1 | 26.6  | 26 | 20 | CNR01SRM013003 |
| JR13RK-5P  | 114-0518-0 | 5               |                |       | 26.1  |    |    | CNR01SRM013005 |
| JR16RK-7P  | 114-0519-2 | 7               | 19.9           | M22×1 | 26.6  | 29 | 23 | CNR01SRM016007 |
| JR16RK-10P | 114-0520-1 | 10              |                |       | 26.1  |    |    | CNR01SRM016010 |
| JR21RK-10P | 114-0521-4 | 16              | 23.9           | M26×1 | 26.6  | 32 | 26 | CNR01SRM021010 |
| JR21RK-16P | 114-0522-7 |                 |                |       | 26.1  |    |    | CNR01SRM021016 |
| JR25RK-16P | 114-0523-0 | 24              | 27.9           | M30×1 | 26.6  | 35 | 29 | CNR01SRM025016 |
| JR25RK-24P | 114-0524-2 |                 |                |       | 26.1  |    |    | CNR01SRM025024 |
| JR25RH-4P  | 114-0628-8 | 4               | 15.9           | M18×1 | 28    | 26 | 20 | —————          |
| JR13RK-3S  | 114-0525-5 | 3               |                |       | 27    |    |    | CNR01SRF013003 |
| JR13RK-5S  | 114-0526-8 | 5               | 19.9           | M22×1 | 27    | 29 | 23 | CNR01SRF013005 |
| JR16RK-7S  | 114-0527-0 | 7               |                |       | 28    |    |    | CNR01SRF016007 |
| JR16RK-10S | 114-0528-3 | 10              | 23.9           | M26×1 | 27    | 32 | 26 | CNR01SRF016010 |
| JR21RK-10S | 114-0529-6 | 16              |                |       | 28    |    |    | CNR01SRF021010 |
| JR21RK-16S | 114-0530-5 |                 | 27             | 27.9  | M30×1 | 35 | 29 | CNR01SRF021016 |
| JR25RK-16S | 114-0531-8 | 28              | CNR01SRF025016 |       |       |    |    |                |
| JR25RK-24S | 114-0532-0 | 27              | CNR01SRF025024 |       |       |    |    |                |
| JR25RH-4S  | 114-0629-0 | 28              | —————          |       |       |    |    |                |
| JR25RH-5S  | 114-0625-0 | 5               |                |       | 27.8  |    |    | —————          |

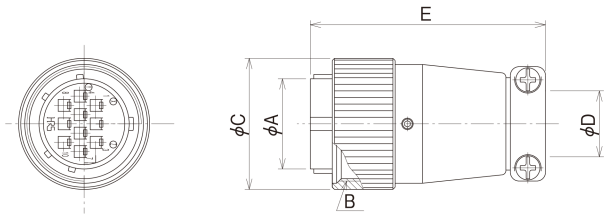
## ●Threaded lock jack



| Part No.   | HRS No.    | No. of contacts | φA | B     | C    | φD   |
|------------|------------|-----------------|----|-------|------|------|
| JR13JK-3P  | 114-0533-3 | 3               | 19 | M18×1 | 44.5 | 8.5  |
| JR13JK-5P  | 114-0534-6 | 5               |    |       |      |      |
| JR16JK-7P  | 114-0535-9 | 7               | 23 | M22×1 | 48.5 | 11.5 |
| JR16JK-10P | 114-0536-1 | 10              |    |       |      |      |
| JR21JK-10P | 114-0537-4 | 16              | 27 | M26×1 | 52.5 | 15   |
| JR21JK-16P | 114-0538-7 |                 |    |       |      |      |
| JR25JK-16P | 114-0539-0 | 24              | 31 | M30×1 | 55.5 | 18   |
| JR25JK-24P | 114-0540-9 |                 |    |       |      |      |
| JR13JK-3S  | 114-0541-1 | 3               | 19 | M18×1 | 44.5 | 8.5  |
| JR13JK-5S  | 114-0542-4 | 5               |    |       |      |      |
| JR16JK-7S  | 114-0543-7 | 7               | 23 | M22×1 | 48.5 | 11.5 |
| JR16JK-10S | 114-0544-0 | 10              |    |       |      |      |
| JR21JK-10S | 114-0545-2 | 16              | 27 | M26×1 | 52.5 | 15   |
| JR21JK-16S | 114-0546-5 |                 |    |       |      |      |
| JR25JK-24S | 114-0548-0 | 24              | 31 | M30×1 | 55.5 | 18   |

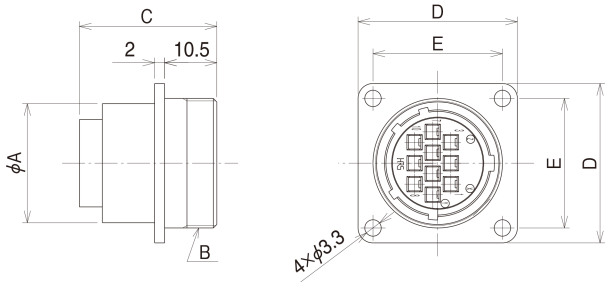
## ■Crimp Type

### ●Threaded lock plug



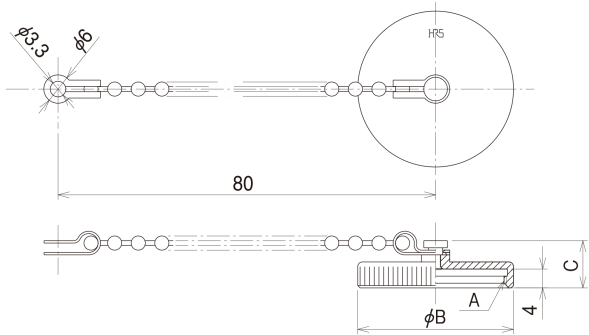
| Part No.        | HRS No.       | No. of contacts | $\phi A$ | B     | $\phi C$ | $\phi D$ | E    | Remarks            |
|-----------------|---------------|-----------------|----------|-------|----------|----------|------|--------------------|
| JR21PK-10PC(71) | 114-0570-0 71 | 10              | 20.5     | M26×1 | 29.8     | 15       | 53.5 | Contact $\phi$ 1.6 |
| JR21PK-10SC(71) | 114-0571-2 71 | 16              |          |       |          |          |      | Contact $\phi$ 1   |
| JR21PK-16PC(71) | 114-0572-5 71 |                 |          |       |          |          |      |                    |
| JR21PK-16SC(71) | 114-0573-8 71 | 24              | 24.7     | M30×1 | 33.8     | 18       | 56.5 | Contact $\phi$ 1   |
| JR25PK-24PC(71) | 114-0574-0 71 |                 |          |       |          |          |      |                    |
| JR25PK-24SC(71) | 114-0575-3 71 |                 |          |       |          |          |      |                    |

### ●Threaded lock receptacle



| Part No.    | HRS No.    | No. of contacts | ϕA   | B     | C    | D  | E  | Remarks      |
|-------------|------------|-----------------|------|-------|------|----|----|--------------|
| JR21RK-10SC | 114-0577-9 | 10              | 23.9 | M26×1 | 27.6 | 32 | 26 | Contact ϕ1.6 |
| JR21RK-16PC | 114-0578-1 | 16              |      |       | 25.4 |    |    | Contact ϕ1   |
| JR21RK-16SC | 114-0579-4 |                 |      |       | 23   |    |    |              |
| JR25RK-24SC | 114-0581-6 | 24              | 27.9 | M30×1 |      | 35 | 29 |              |

### ●Threaded lock receptacle cap

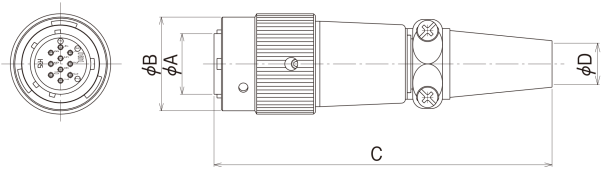


| Part No.    | HRS No.       | A     | ϕB | C  | JIS No.    |
|-------------|---------------|-------|----|----|------------|
| JRC13RC(71) | 114-0053-8 71 | M18×1 | 21 | 10 | CNR01RC013 |
| JRC16RC(71) | 114-0054-0 71 | M22×1 | 25 |    | CNR01RC016 |
| JRC21RC(71) | 114-0055-3 71 | M26×1 | 29 |    | CNR01RC021 |
| JRC25RC(71) | 114-0056-6 71 | M30×1 | 33 |    | CNR01RC025 |



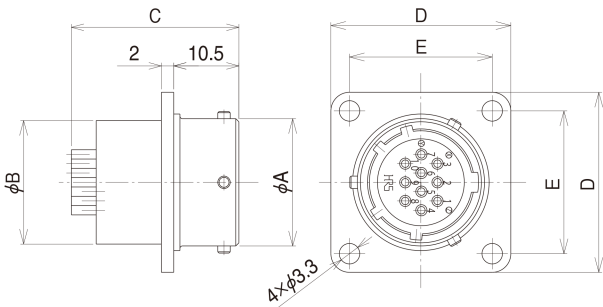
■Solder Type

●Bayonet - lock plug



| Part No.         | HRS No.       | No. of contacts | $\phi A$ | $\phi B$ | C  | $\phi D$ | Remarks |
|------------------|---------------|-----------------|----------|----------|----|----------|---------|
| JRC16BP-14P(71)  | 114-0251-1 71 | 14              | 16.3     | 27       | 91 | 11.2     |         |
| JRC21BPA-26P(31) | 114-0268-4 31 | 26              | 20.5     | 31       | 98 | 12.2     |         |
| JRC16BP-14S(71)  | 114-0254-0 71 | 14              | 16.3     | 27       | 91 | 11.2     |         |
| JRC21BP-26S(31)  | 114-0267-1 31 | 26              | 20.5     | 31       | 98 | 12.2     |         |

●Bayonet - lock receptacle

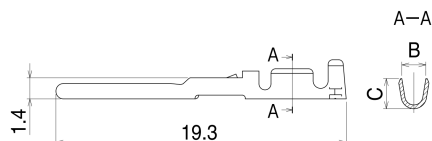


| Part No.        | HRS No.       | No. of contacts | $\phi A$ | $\phi B$ | C    | D  | E  | Remarks |
|-----------------|---------------|-----------------|----------|----------|------|----|----|---------|
| JRC16BR-14P(71) | 114-0257-8 71 | 14              | 20.5     | 19.9     | 26.6 | 29 | 23 |         |
| JRC21BR-26P(71) | 114-0269-7 71 | 26              | 25.8     | 23.9     | 26.8 | 32 | 26 |         |
| JRC16BR-14S(71) | 114-0260-2 71 | 14              | 20.5     | 19.9     | 25.8 | 29 | 23 |         |
| JRC21BRA-26S    | 114-0270-6    | 26              | 25.8     | 23.9     | 28   | 32 | 26 |         |

## ◆ Crimp Contacts

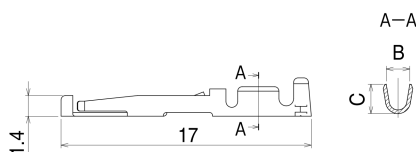
Contact diameter  $\phi 1.0\text{mm}$

### Male contact



| Type          | Part No.    | HRS No.    | B    | C   | Applicable wire |
|---------------|-------------|------------|------|-----|-----------------|
| Loose contact | JRC-PC2-112 | 114-0243-3 | 1.6  | 2.0 | 20 to 24 AWG    |
|               | JRC-PC2-122 | 114-0244-6 | 1.45 | 1.5 | 24 to 28 AWG    |
| Reel contact  | JRC-PC2-212 | 114-0245-9 | 1.6  | 2.0 | 20 to 24 AWG    |
|               | JRC-PC2-222 | 114-0246-1 | 1.45 | 1.5 | 24 to 28 AWG    |

### Female contact

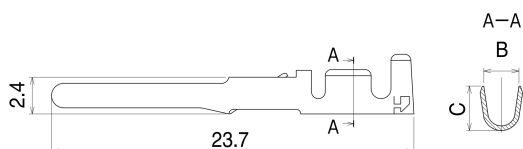


| Type          | Part No.    | HRS No.    | B    | C   | Applicable wire |
|---------------|-------------|------------|------|-----|-----------------|
| Loose contact | JRC-SC2-112 | 114-0247-4 | 1.6  | 2.0 | 20 to 24 AWG    |
|               | JRC-SC2-122 | 114-0248-7 | 1.45 | 1.5 | 24 to 28 AWG    |
| Reel contact  | JRC-SC2-212 | 114-0249-0 | 1.6  | 2.0 | 20 to 24 AWG    |
|               | JRC-SC2-222 | 114-0250-9 | 1.45 | 1.5 | 24 to 28 AWG    |

Note : Loose contact in pack of 100 pcs. Reel contact contains 8,000 pcs.

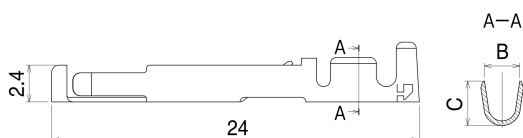
Contact diameter  $\phi 1.6\text{mm}$

### Male contact



| Type          | Part No.   | HRS No.    | B   | C   | Applicable wire |
|---------------|------------|------------|-----|-----|-----------------|
| Loose contact | JRC-PC-112 | 114-0239-6 | 2.3 | 2.9 | 16 to 20 AWG    |
| Reel contact  | JRC-PC-212 | 114-0240-5 |     |     |                 |

### Female contact



| Type          | Part No.   | HRS No.    | B   | C   | Applicable wire |
|---------------|------------|------------|-----|-----|-----------------|
| Loose contact | JRC-SC-112 | 114-0241-8 | 2.3 | 2.9 | 16 to 20 AWG    |
| Reel contact  | JRC-SC-212 | 114-0242-0 |     |     |                 |

Note : Loose contact in pack of 100 pcs. Reel contact contains 5,000 pcs.

## ◆ Applicable Tools

| Contact dia. | Type            | Item                     | Part No.     | HRS No.    | Applicable terminal        | Applicable wire |
|--------------|-----------------|--------------------------|--------------|------------|----------------------------|-----------------|
| φ1           | Manual          | Manual crimping tool     | HT802/RM-11  | 150-0401-6 | JRC-PC2-112<br>JRC-SC2-112 | 20 to 24 AWG    |
|              |                 |                          | HT802/RM-12  | 150-0402-9 | JRC-PC2-122<br>JRC-SC2-122 | 24 to 28 AWG    |
|              | Automatic       | Automatic crimping press | CM-105C      | 901-0001-0 | —————                      | —————           |
|              |                 | Applicator               | AP105-JRC2-1 | 901-2037-1 | JRC-PC2-212<br>JRC-SC2-212 | 20 to 24 AWG    |
|              |                 |                          | AP105-JRC2-2 | 901-2038-4 | JRC-PC2-222<br>JRC-SC2-222 | 24 to 28 AWG    |
|              | Extraction tool |                          | RM-TP        | 150-0008-7 | —————                      | —————           |
| φ1.6         | Manual          | Manual crimping tool     | JRC-TC-11    | 150-0033-4 | JRC-PC-112<br>JRC-SC-112   | 16 AWG          |
|              |                 |                          | JRC-TC-12    | 150-0034-7 | JRC-PC-112<br>JRC-SC-112   | 18 to 20 AWG    |
|              | Automatic       | Automatic crimping press | CM-105C      | 901-0001-0 | —————                      | —————           |
|              |                 | Applicator               | AP105-JRC-1  | 901-2039-7 | JRC-PC-212<br>JRC-SC-212   | 16 to 20 AWG    |
|              |                 | Extraction tool          |              | JRC-TP     | 150-0035-0                 | —————           |

### Hand Tool Crimp



(For Contact Diameter φ1.0mm)



(For Contact Diameter φ1.6mm)

### Extraction Tool



(For Contact Diameter φ1.0mm)



(For Contact Diameter φ1.6mm)



Automatic Crimping Machine CM-105C

## ◆ Precautions

This product series uses silver plated contacts. Silver reacts easily to exposure to sulfur gas so the below conditions may cause tarnishing.

- Dusty environments
- Area with a high concentration area of gases such as sulfur dioxide gas, hydrogen sulfide gas, nitrogen dioxide gas and so on.  
Example; In close proximity to factory exhaust, automotive emissions, etc.
- Close to heaters, or in other areas marked by extreme temperature differences or high humidity.
- Close to rubber products includes rubber adhesives.

The Electrical connection is not affected by tarnishing on a silver surface due to the wiping effect of the contact pins.

### Storage

Packing state; Packed in original packing or equivalent container

Temperature -10 to +60°C

Humidity 85% Max

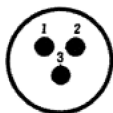
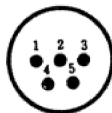
(It is recommended that the product be stored in an area of normal level of temperature and humidity, and free of any temperature fluctuation)

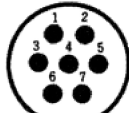
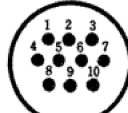
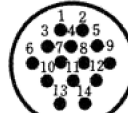
Please use this products within 6 months of delivery.

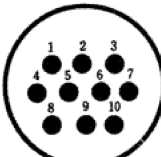
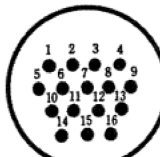
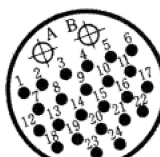
(After 6 month, please check the solderability before use)

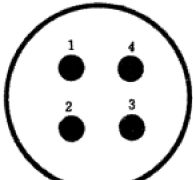
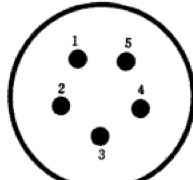
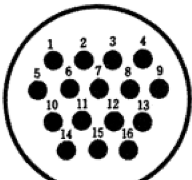
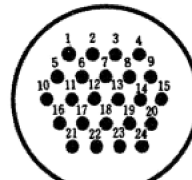
"Storage" means long-term storage of the unused products in sealed packaging, prior to assembly to PCB.

## ◆ Contact Position Arrangement

|                          |                                                                                   |  |                                                                                     |  |
|--------------------------|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
| Shell size               |                                                                                   |  |                                                                                     |  |
| 13                       |  |  |  |  |
| No. of contacts          | 3                                                                                 |  | 5                                                                                   |  |
| Withstanding voltage     | AC1000V a minute                                                                  |  |                                                                                     |  |
| Current rating           | 10A                                                                               |  | 5A                                                                                  |  |
| Insulation resistance    | 1000MΩ MIN.                                                                       |  |                                                                                     |  |
| Contact resistance       | 5mΩ MAX.                                                                          |  |                                                                                     |  |
| Solderpot inner diameter | 1.7mm dia.                                                                        |  | 1.1mm dia.                                                                          |  |

|                          |                                                                                   |  |                                                                                    |                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Shell size               |                                                                                   |  |                                                                                    |                                                                                     |
| 16                       |  |  |  |  |
| No. of contacts          | 7                                                                                 |  | 10                                                                                 | 14                                                                                  |
| Withstanding voltage     | AC1000V a minute                                                                  |  |                                                                                    |                                                                                     |
| Current rating           | 10A                                                                               |  | 5A                                                                                 |                                                                                     |
| Insulation resistance    | 1000MΩ MIN.                                                                       |  |                                                                                    |                                                                                     |
| Contact resistance       | 5mΩ MAX.                                                                          |  |                                                                                    |                                                                                     |
| Solderpot inner diameter | 1.7mm dia.                                                                        |  |                                                                                    | 1.1mm dia.                                                                          |

|                          |                                                                                   |  |                                                                                    |                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Shell size               |                                                                                   |  |                                                                                    |                                                                                     |
| 21                       |  |  |  |  |
| No. of contacts          | 10                                                                                |  | 16                                                                                 | 26                                                                                  |
| Withstanding voltage     | AC1000V a minute                                                                  |  |                                                                                    |                                                                                     |
| Current rating           | 10A                                                                               |  | 5A (crimp type 3A)                                                                 | 5A 10A (only A, B)                                                                  |
| Insulation resistance    | 1000MΩ MIN.                                                                       |  |                                                                                    |                                                                                     |
| Contact resistance       | 5mΩ MAX.                                                                          |  | 5mΩ MAX. (crimp type 10mΩ)                                                         | 5mΩ MAX.                                                                            |
| Solderpot inner diameter | 1.7mm dia.                                                                        |  | 1.1mm dia.                                                                         | 1.7mm dia. (only A, B)                                                              |

|                          |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Shell size               |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 25                       |  |  |  |  |
| No. of contacts          | 4                                                                                   | 5                                                                                   | 16                                                                                   | 24                                                                                    |
| Withstanding voltage     | AC3000V a minute                                                                    |                                                                                     | AC1000V a minute                                                                     |                                                                                       |
| Current rating           | 30A                                                                                 | 10A                                                                                 | 5A (crimp type 3A)                                                                   |                                                                                       |
| Insulation resistance    | 10,000MΩ MIN.                                                                       |                                                                                     | 1000MΩ MIN.                                                                          |                                                                                       |
| Contact resistance       | 5mΩ MAX.                                                                            |                                                                                     | 5mΩ MAX. (crimp type 10mΩ)                                                           |                                                                                       |
| Solderpot inner diameter | 3.4mm dia.                                                                          | 1.7mm dia.                                                                          | 1.1mm dia.                                                                           |                                                                                       |

Remarks : 1. Viewed from mating face.

2. The withstand voltage is the test value.



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