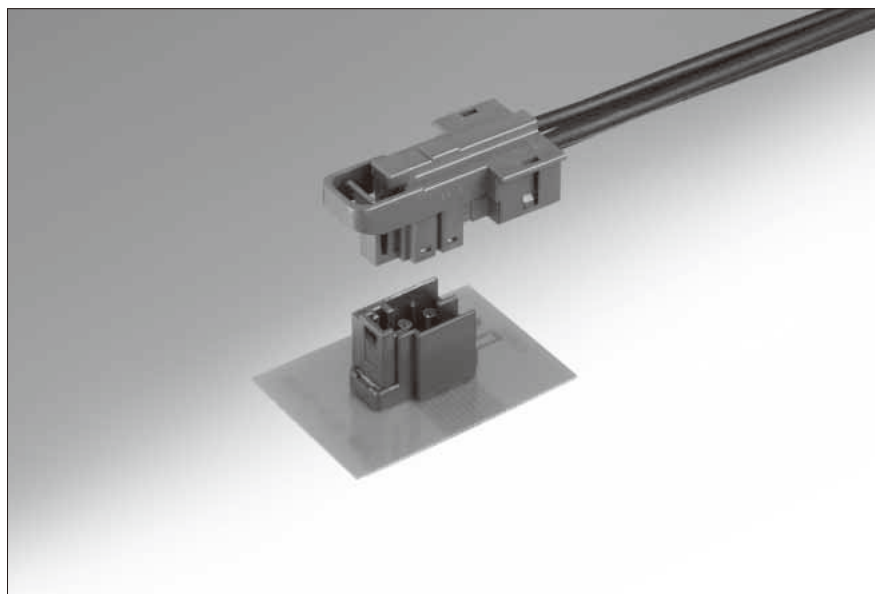


# GT36 Series

— Integrates AM-FM, SDARS, GPS, Bluetooth, and Cell —



## ■ Features

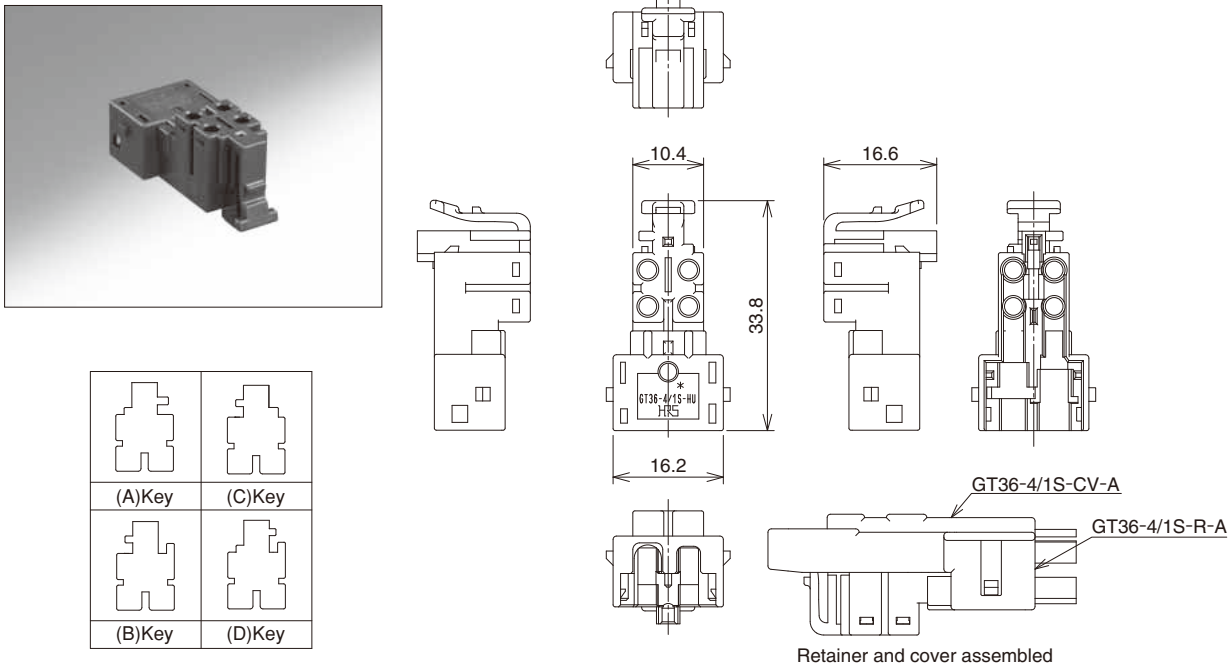
- Frequency range DC ~ 2.5GHz
- Board connector straight type/ Cable connector right-angle type

## ■ Applications

Various antennas with frequency range DC~2.5GHz  
(Ex. AM-FM, SDARS, GPS, Bluetooth, and Cell etc)

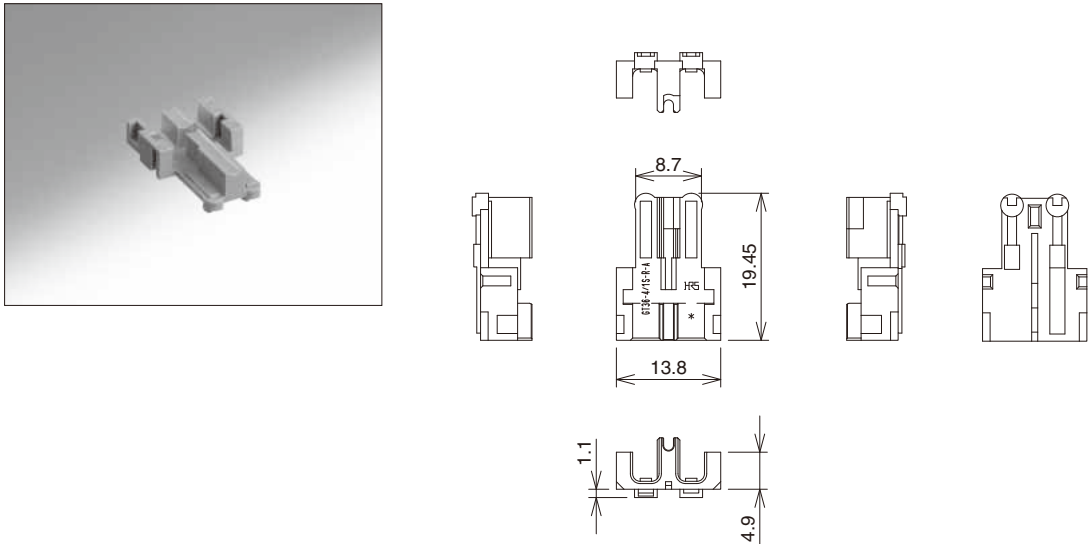
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Housing for F connector (4 coaxials)



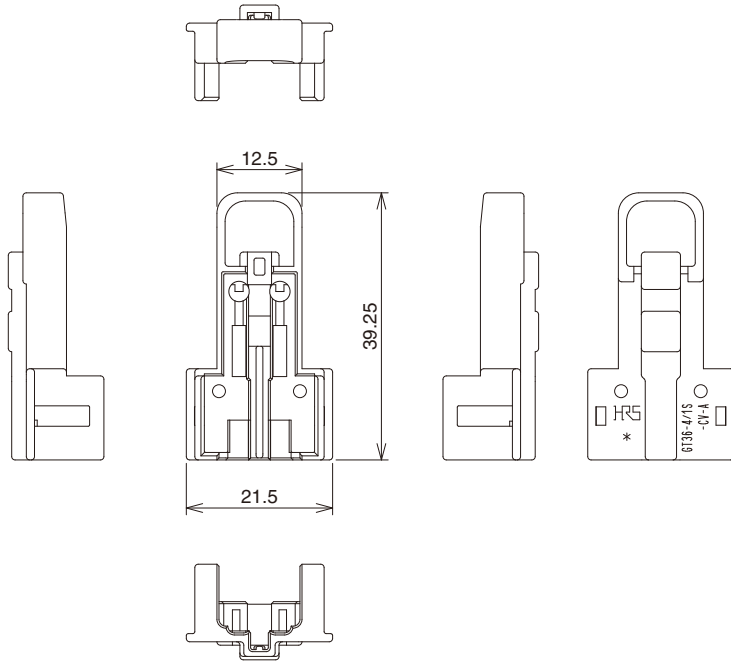
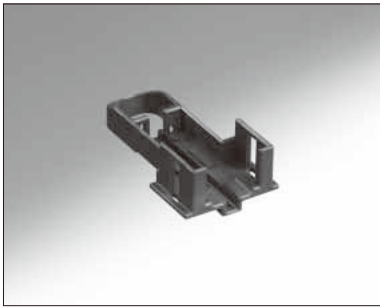
| Part No.          | HRS No.    | Material | Color | Key polarizing code | Packaging | RoHS |
|-------------------|------------|----------|-------|---------------------|-----------|------|
| GT36-4/1S-HU(A)-A | 786-0065-0 | PBT      | Brown | (A)                 | 1         | YES  |
| GT36-4/1S-HU(B)-A | 786-0066-2 |          | Green | (B)                 |           |      |
| GT36-4/1S-HU(C)-A | 786-0067-5 |          | Blue  | (C)                 |           |      |
| GT36-4/1S-HU(D)-A | 786-0068-8 |          | Black | (D)                 |           |      |

Retainer for F connector



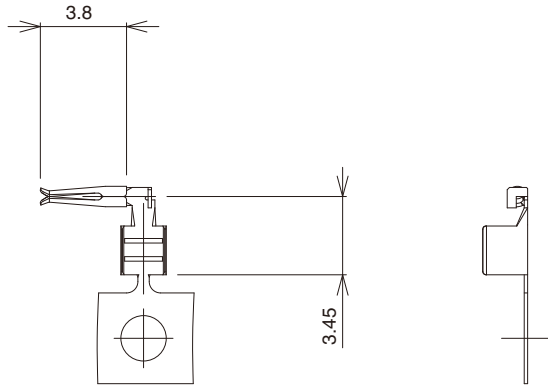
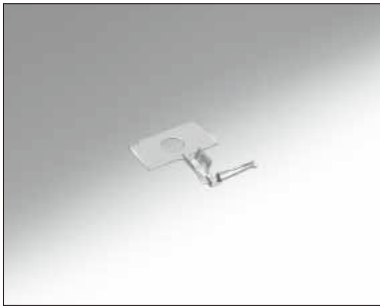
| Part No.      | HRS No.    | Material | Color      | Packaging | RoHS |
|---------------|------------|----------|------------|-----------|------|
| GT36-4/1S-R-A | 786-0069-0 | PBT      | Light Gray | 1         | YES  |

■ Cover for F connector



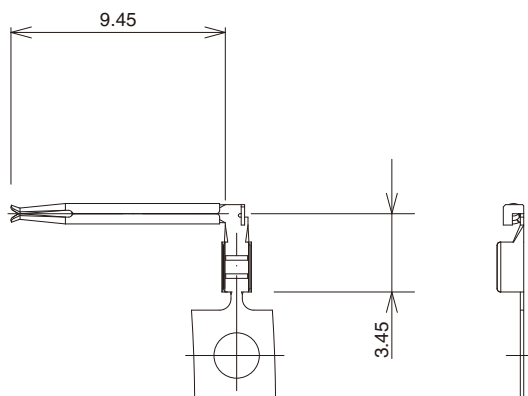
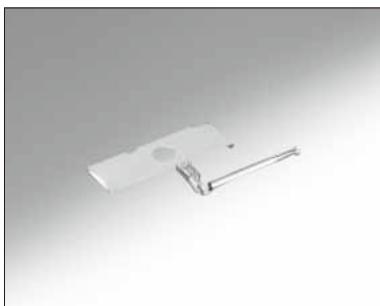
| Part No.       | HRS No.    | Material | Color     | Packaging | RoHS |
|----------------|------------|----------|-----------|-----------|------|
| GT36-4/1S-CV-A | 786-0070-0 | PBT      | Dark Gray | 1         | YES  |

■ Center terminal for F connector (short)



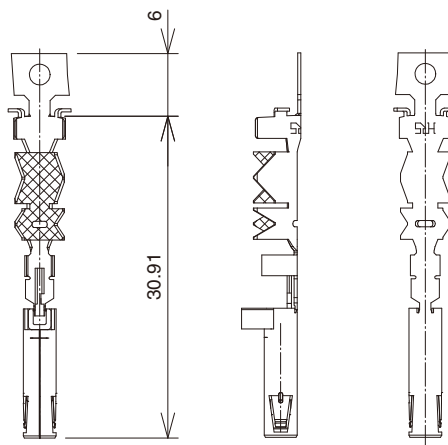
| Part No.      | HRS No.    | Material/Plating or Color                     | Applicable cable | Packaging       | RoHS |
|---------------|------------|-----------------------------------------------|------------------|-----------------|------|
| GT36A-2022SCF | 786-0028-3 | Center terminal : Phosphor bronze/Tin plating | 2.5D-2V          | 12,000 pcs/reel | YES  |
| GT36-2428SCF  | 786-0001-7 |                                               | 1.5D-2V          | 13,000 pcs/reel |      |

## Center terminal for F connector (long)



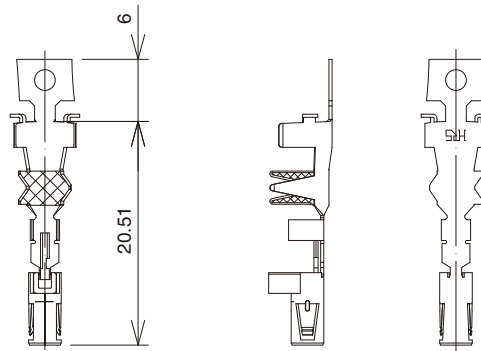
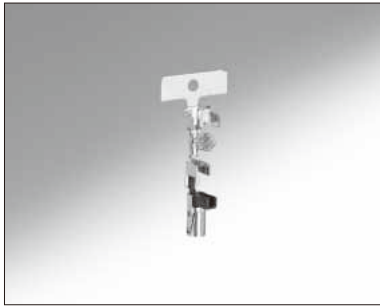
| Part No.          | HRS No.    | Material/Plating or Color                     | Applicable cable     | Packaging       | RoHS |
|-------------------|------------|-----------------------------------------------|----------------------|-----------------|------|
| GT36-2428SCF(A)   | 786-0010-8 | Center terminal : Phosphor bronze/Tin plating | 1.5D-2V              | 9,000 pcs/reel  | YES  |
| GT36-30SCF(ID)(A) | 786-0042-4 |                                               | 1.5C-2V(single wire) | 12,000 pcs/reel |      |

## Outer terminal for F connector (long)



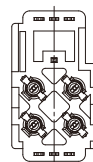
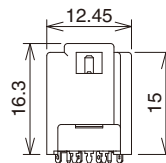
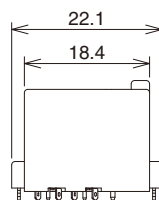
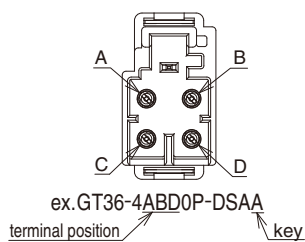
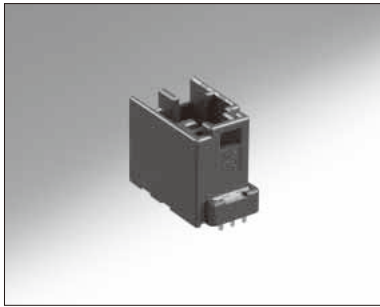
| Part No.           | HRS No.    | Material/Plating or Color                                       | Applicable cable | Packaging      | RoHS |
|--------------------|------------|-----------------------------------------------------------------|------------------|----------------|------|
| GT36-1.6-2.9SCF(A) | 786-0004-5 | Insulator : PBT/Dark Gray<br>Outer terminal : Brass/Tin plating | 1.5D-2V          | 6,500 pcs/reel | YES  |

## Outer terminal for F connector (short)

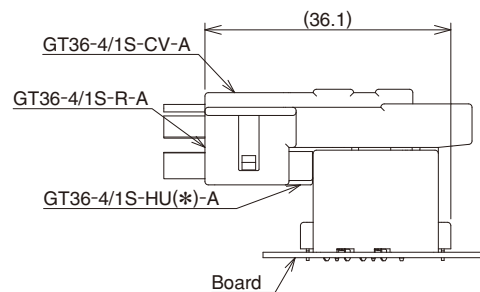


| Part No.        | HRS No.    | Material/Plating or Color          | Applicable cable | Packaging      | RoHS |
|-----------------|------------|------------------------------------|------------------|----------------|------|
| GT36-3.3-3.8SCF | 786-0005-8 | Insulator : PBT/Dark Gray          | 2.5D-2V          | 5,000 pcs/reel | YES  |
| GT36-1.6-2.9SCF | 786-0003-2 | Outer terminal : Brass/Tin plating | 1.5D-2V          | 3,000 pcs/reel |      |

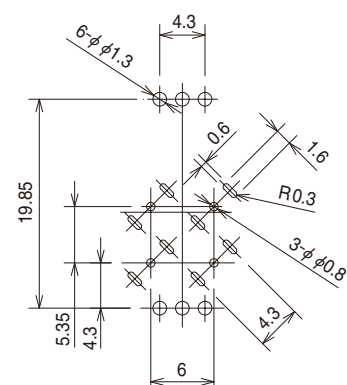
## Board type (4 coaxials)



### ◆ Mated condition



### ◆ Recommended Board Mounting Pattern



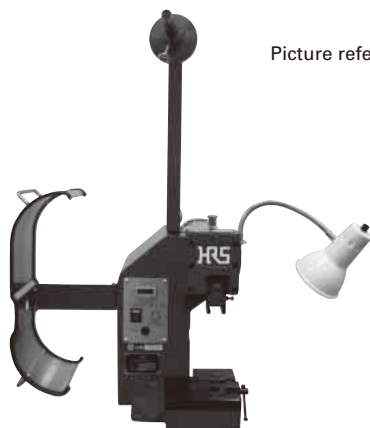
| Part No.         | HRS No.    | Material | Color | Packaging    | RoHS |
|------------------|------------|----------|-------|--------------|------|
| GT36-4ABD0P-DSAA | 786-0011-0 | PA       | Brown | 200 pcs/reel | YES  |
| GT36-4A0P-DSAC   | 786-0012-3 |          | Blue  |              |      |
| GT36-4D0P-DSAC   | 786-0013-6 |          | Green |              |      |
| GT36-4BD0P-DSAB  | 786-0014-9 |          |       |              |      |

\* Applicable PCB thickness : 0.8mm

## ◆ Crimping tools

User manuals are available. Please ask your Hirose Electric account representative.

### Automatic crimping machine



Picture reference only

### Specifications

| Item              | Specification         | Remarks      |
|-------------------|-----------------------|--------------|
| Press capacity    | 1.5tons               |              |
| Stroke length     | 30mm                  |              |
| Number of strokes | 200spm(50Hz)          | 200spm(60Hz) |
| Weight            | 75kg                  |              |
| Motor             | 0.2kw                 | AC100V       |
| Crimping speed    | 2000 to 4000 pcs/hour |              |

Part No. CM-105C

- \* In terms of terminal's crimp height, a separate crimp height table is available for each cable type.  
Please contact sales personnel.  
In the event of a new cable, the appropriate crimp height will need to be defined.
- \* Separate reel stand required (CM105/RS-ED)
- \* Separate applicator tooling required for each terminal.

### Applicator (for use with the automatic crimping machine)

| Terminal Product No. | Terminal HRS No. | Tool No.            | Tool HRS No. |
|----------------------|------------------|---------------------|--------------|
| GT36A-2022SCF        | 786-0028-3       | AP105-GT36A-2022S   | 901-5220-4   |
| GT36-2428SCF         | 786-0001-7       | AP105-GT36-2428S    | 901-5222-0   |
| GT36-2428SCF(A)      | 786-0010-8       | AP105-GT36-2428S(A) | 901-5212-6   |
| GT36-30SCF(ID)(A)    | 786-0042-4       | AP105-GT36-30SI(A)  | 901-5225-8   |
| GT36-3.3-3.8SCF      | 786-0005-8       | GT36-3338S/CK-AD    | 902-5113-0   |
| GT36-1.6-2.9SCF      | 786-0003-2       | GT36-1629S/CK-AD    | 902-5116-9   |
| GT36-1.6-2.9SCF(A)   | 786-0004-5       | GT36-1629S(A)/CK-AD | 902-5112-8   |

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[AD2\(62\)](#) [GT36-3338S/CK-AD\(62\)](#) [GT36-3338S/CK-AD2](#) [GT36-3338S/CK-AD2\(66\)](#) [AP105-GT36-2022S\(61\)](#) [AP105-](#)  
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