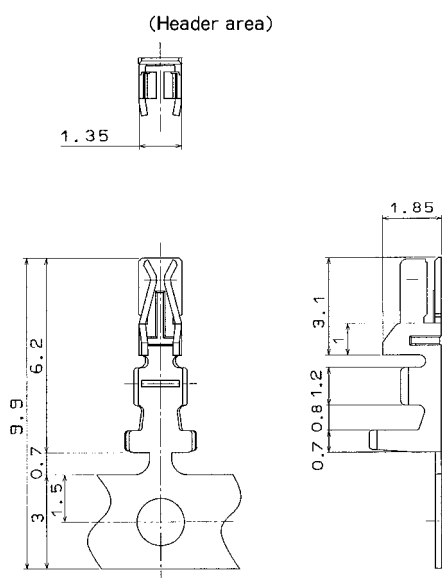


■Crimping Contact for Socket



Part Number	CL No.	Type	Quantity	Finish
DF11-22SCF	543-0601-0	Reel contact	10000 pcs. per reel	Tin plated
DF11-22SC	543-0602-2	Bulk contact	100 pcs. per bag	
DF11-2428SCF	543-0500-2	Reel contact	10000 pcs. per reel	
DF11-2428SC	543-0501-5	Bulk contact	100 pcs. per bag	
DF11A-2428SCF	543-0634-9	Reel contact	10000 pcs. per reel	
DF11A-2428SC	543-0635-1	Bulk contact	100 pcs. per bag	
DF11-30SCF	543-0605-0	Reel contact	10000 pcs. per reel	Gold plated
DF11-30SC	543-0606-3	Bulk contact	100 pcs. per bag	
DF11-22SCFA	543-0603-5	Reel contact	10000 pcs. per reel	
DF11-22SCA	543-0604-8	Bulk contact	100 pcs. per bag	
DF11-2428SCFA	543-0550-0	Reel contact	10000 pcs. per reel	
DF11-2428SCA	543-0551-3	Bulk contact	100 pcs. per bag	
DF11-30SCFA	543-0607-6	Reel contact	10000 pcs. per reel	Gold plated
DF11-30SCA	543-0608-9	Bulk contact	100 pcs. per bag	

Note1: DF11A-2428SCF/SC is of tin plated low insertion/extraction type.

●Applicable Wire (Tin Plated Annealed Copper Wire)

Conductor Size (Wire Structure)	Jacket Diameter
AWG 22 (17pcs./0.16mm)	ϕ 1.2 to ϕ 1.45mm
AWG 24 (11pcs./0.16mm)	ϕ 0.9 to ϕ 1.45mm
AWG 26 (7pcs./0.16mm)	
AWG 28 (7pcs./0.127mm)	
AWG 30 (7pcs./0.1mm)	ϕ 0.75 to ϕ 1.2mm

Note1: If other wires are used than the applicable wire, consult the HRS sales department.

Note2: DF11-22SCF/SC/SCFA/SCA is for UL1061.

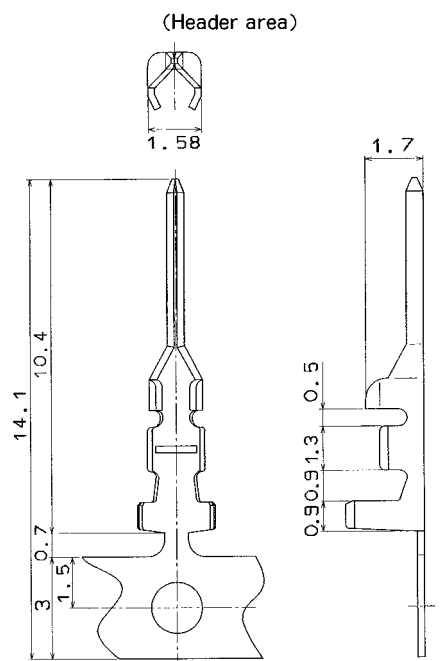
●Recommended Wire

UL1061, UL1007 (Note 2.)

●Strip Length

1.7 to 2.3mm

■Crimping Contact for In-line Plug



Part Number	CL No.	Type	Quantity	Finish
DF11EP2428PCF	543-0615-4	Reel contact	10000 pcs. per reel	Tin plated
DF11EP2428PC	543-0616-7	Bulk contact	100 pcs. per bag	
DF11EP2428PCFA	543-0617-0	Reel contact	10000 pcs. per reel	Gold plated
DF11-EP2428PCA	543-0618-2	Bulk contact	100 pcs. per bag	

●Applicable Wire (Tin Plated Annealed Copper Wire)

Conductor Size (Contact Wire Structure)	Jacket Diameter
AWG 24 (11pcs./0.16mm)	ϕ 0.9 to ϕ 1.45mm
AWG 26 (7pcs./0.16mm)	
AWG 28 (7pcs./0.127mm)	

Note1: If other wires are used than the applicable wire, consult the HRS sales department.

●Recommended Wire

UL1061, UL1007

●Strip Length

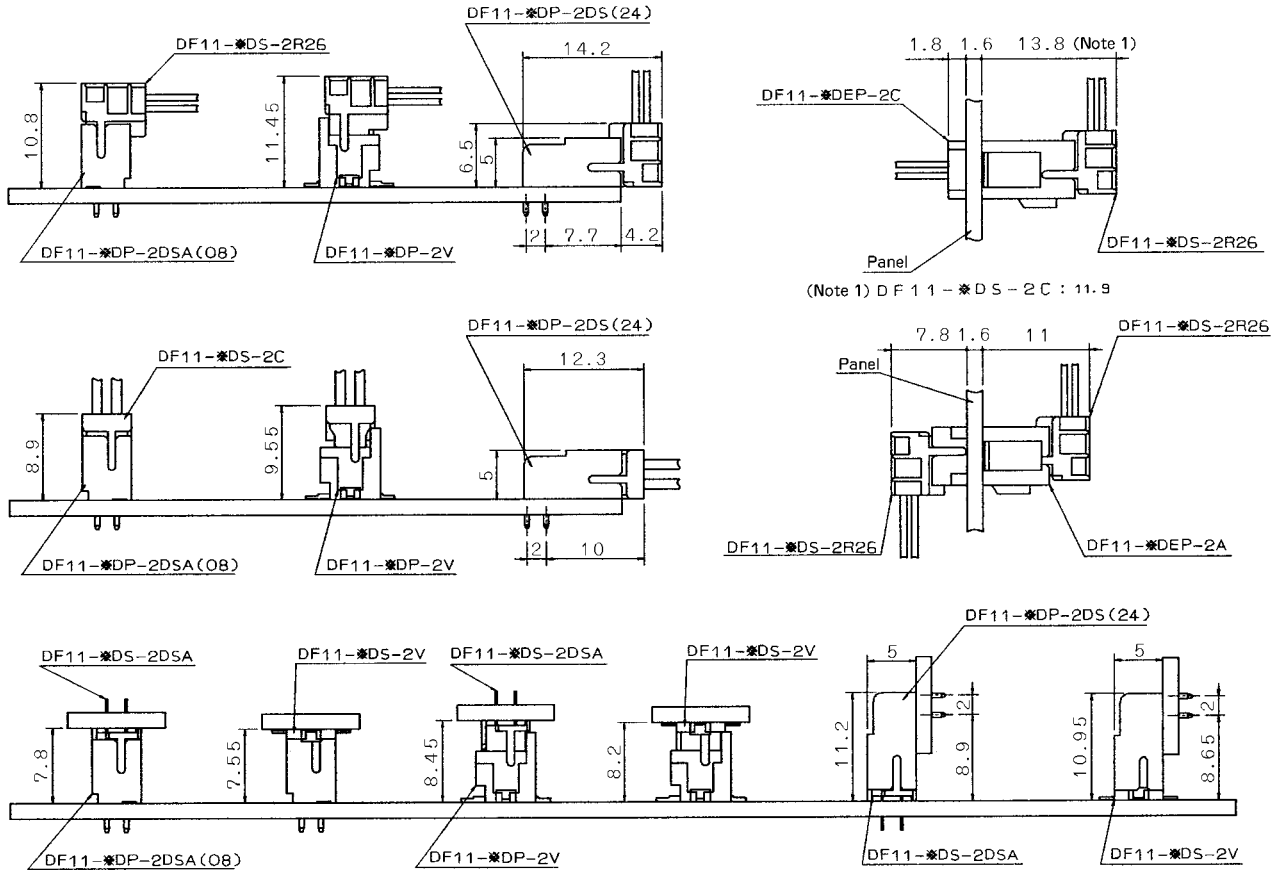
1.9 to 2.3mm

◆Applicable Crimping Tool

Type	Part Number	CL No.	Applicable Contact
Applicator	AP105-DF11-22S	901-4529-7	DF11 -22SCF/SCFA
	AP105-DF11-2428S	901-4511-1	DF11 -2428SCF/SCFA DF11A-2428SCF
	AP105-DF11-30S	901-4532-1	DF11 -30SCF/SCFA
	AP105-DF11-EP2428P	901-4528-4	DF11 -EP2428PCF/PCFA
Press Unit	CM-105	901-0005-4	_____
Hand Crimping Tool	DF11-TA22HC	550-0228-6	DF11 -22SC/SCA
	DF11-TA2428HC	550-0197-4	DF11 -2428SC/SCA DF11A-2428SC
	DF11-TA30HC	550-0230-8	DF11 -30SC/SCA
	DF11EP-TA2428HC	550-0227-3	DF11 -EP2428PC/PCA
Extraction Tool	DF-C-PO(B)	550-0179-2	DF11 -****SCF
			DF11 -EP****PCF

Note: If any trouble has occurred due to tools other than the designated tool, Hirose bears no responsibility for any trouble.

◆ Application Pattern



◆ Precautions

<p>1. Recommended Temperature Profile (SMT)</p>	<p>I R reflow condition</p> <ul style="list-style-type: none"> Preheating area 150°C for 100 to 120 seconds Soldering area 235±5°C for 10 seconds max. 220°C Min for 10 to 30 seconds Max 240°C 220°C <p>Note1: Maximum twice action is allowed under the same condition. However, the interval between first and second actions must be maintained at the room temperature.</p> <p>Note2: The temperature indicates the board surface temperature in the connector lead area.</p>
<p>2. Recommended Manual Soldering Condition (SMT)</p>	<p>Soldering iron temperature: 290±10°C, Soldering time: Within 2 seconds</p>
<p>3. Recommended Screen Thickness (SMT)</p>	<p>0.15 to 0.2mm</p>
<p>4. Board Warp age (SMT)</p>	<p>Based on the both connector edges, 0.03mm max. is allowed in the connector center area.</p>
<p>5. Recommended Soldering Condition(Through hole)</p>	<p>Flow: 250°C for 3 seconds Manual soldering: 290°C for 2 seconds</p>
<p>6. Cleaning Condition</p>	<p>Refer to the "Nylon Connector Use Hand book".</p>
<p>7. Connection Condition</p>	<p>Refer to the "Nylon Connector Use Hand book".</p>