

Specifications

Insulation Resistance: 106M Ω min. at 500V DC
 Withstanding Voltage: 1,000V AC rms for 1 minute
 Contact Resistance: 20m Ω max. at 10mA
 Current Rating: 1A
 Operating Temp. Range: -65°C to +85°C

Materials and Finish

Housing: PBT (glass filled), UL 94V-0 rated
 Contacts: Copper Alloy
 Plating: Mating Face Contacts - Au over Nickel
 IDC Terminals - Flash Au over Nickel

**Features**

- 2.54mm pitch IDC type connectors for 1.27mm cable, conforming to DIN41612 standards of compatibility

**Part Number (Details)**

FNS12 - 064 00-00 B F

Series No.

No. of Leads

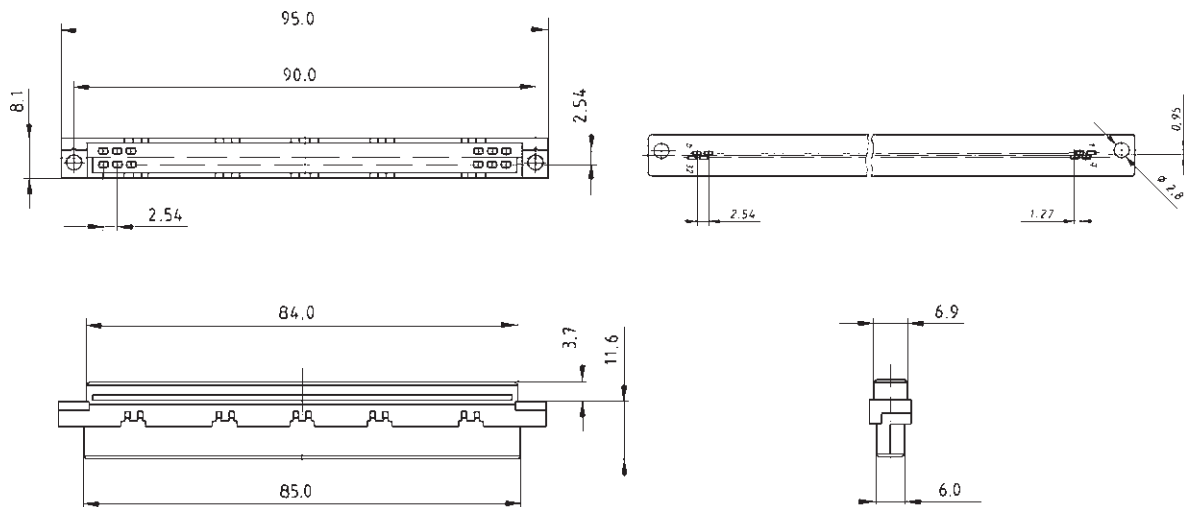
Terminal Type
00 = IDC

Contact Plating in Mating Area:
B = Au 0.3 μ m min. over Ni

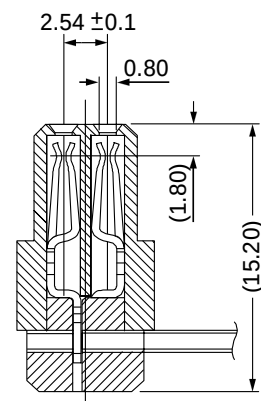
Contact Plating in IDC Area:
F = Flash Au over Ni

Part Number for Strain Relief:
FNS13-06400-1000

Applicable Cables (see Section D)
 AWG 28 stranded wire,
 AWG 30 solid wire, with 1.27mm pitch

Outline Dimensions**Applicable Tool for FNS Series**

- Hand press: FX-003
- Positioning Tool for FNS12 = Part No. FN-106

**Contact Details (contacts in rows A and B)**

Specifications

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Materials and Finish

Housing: PBT (glass filled), UL 94V-0 rated
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 IDC Terminals - Flash Au over Nickel

**Features**

- 2.54mm pitch IDC type connectors for 1.27mm cable, conforming to DIN41612 standards of compatibility

**Part Number (Details)**

FNS13 - 064 00-00 B F

Series No.

No. of Leads

Terminal Type
00 = IDC

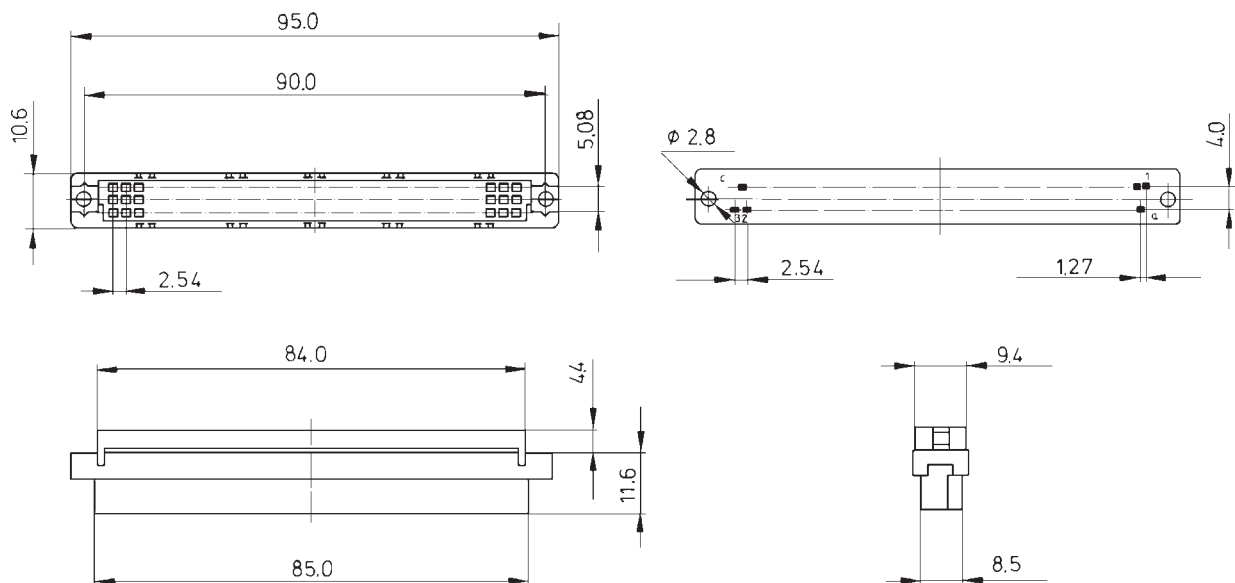
Contact Plating in Mating Area:
B = Au 0.3 μ m min. over Ni

Contact Plating in IDC Area:
F = Flash Au over Ni

Part Number for Strain Relief:
FNS13-06400-1000

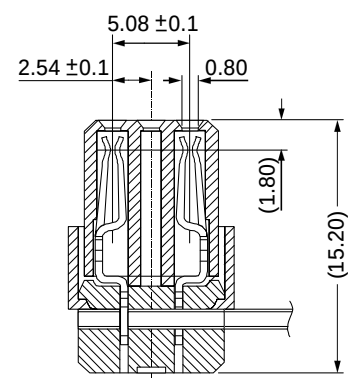
Applicable Cables (see Section D)

AWG 28 stranded wire,
AWG 30 solid wire, with 1.27mm pitch

Outline Dimensions**Applicable Tool for FNS Series**

Hand press: FX-003

Positioning Tool for FNS13 = Part No.
FN-105

**Contact Details (contacts in rows A and C)**

Specifications

Insulation Resistance: 106M Ω min. at 500V DC
 Withstanding Voltage: 1,000V AC rms for 1 minute
 Contact Resistance: 20m Ω max. at 10mA
 Current Rating: 1A
 Operating Temp. Range: -65°C to +85°C

Materials and Finish

Housing: PBT (glass filled), UL 94V-0 rated
 Contacts: Copper Alloy
 Plating: Mating Face Contacts - Au over Nickel
 IDC Terminals - Au over Nickel

**Features**

- ⇒ 2.54mm pitch IDC type connectors for 0.847mm cable, conforming to DIN41612 standards of compatibility

**Part Number (Details)**

FNS13 - 096 00 -00 B F

Series No.

No. of Leads

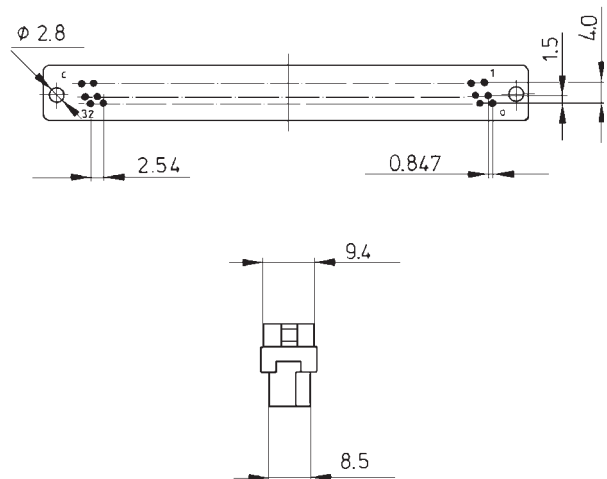
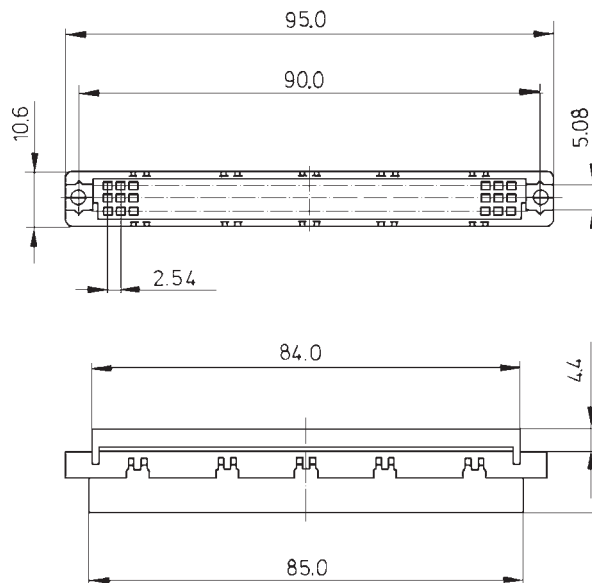
Terminal Type
00 = IDC

Contact Plating in Mating Area:
B = Au 0.3 μ m min. over Ni

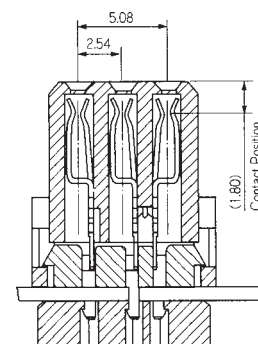
Contact Plating in IDC Area:
F =Flash Au over Ni

Part Number for Strain Relief:
FNS13-06400-1000

Applicable Cables (see Section D)
 AWG 28 stranded wire,
 AWG 30 solid wire, with 1.27mm pitch

Outline Dimensions**Applicable Tool for FNS Series**

- ⇒ Hand press: FX-003
- ⇒ Positioning Tool for FNS13 = Part No. FN-105

**Contact Details (contacts in rows A, B and C)**

Specifications

Insulation Resistance:	5M Ω / km min. at 20°C
Withstanding Voltage:	1,500V AC / min.
Current Rating:	0.5A
Voltage Rating:	150V max.
Conductor Resistance:	362 Ω / km max. at 20°C
Characteristic Impedance:	89 Ω approx. (ground- signal- ground)
Capacity:	65pF / m at 1kHz (ground- signal- ground)
Dimension:	AWG 30
Operating Temp. Range:	-20°C to +105°C

Features

- ⇒ 33MIL, 0.847mm pitch flat cable designed for termination with DIN41612 IDC connectors (96 pos.)
- ⇒ AWG 30 (7/0.1mm) stranded Cu-wire
- ⇒ UL Style No. 2678

Applicable Tools for FNS Series

- ⇒ Hand press: FX-003
- ⇒ Positioning Tools for FNS12: FN-106
FNS13: FN-105



Part Number (Details)

TFC30 - 96 (0.847) *

Series No.

No. of Conductors:
96

Packing Sizes:

- = In Rolls (30.5 meters)
/ M = 1 meter

Standard Cable Length

⇒ see Part Number (Details)



Outline Cable Dimensions

