

Specifications

Insulation Resistance: 500M Ω min. at 500V DC
Withstanding Voltage: 500V ACrms for 1 minute
Contact Resistance: 35m Ω max. at 10mA
Current Rating: 0.5A
Operating Temp. Range: -55°C to +85°C
Soldering Temp.: 260°C / 5 sec.



Materials and Finish

Housing: PBT (glass filled), UL94V-0 rated
Contacts: Copper Alloy
Plating: Mating Face - Au over Ni
Solder Terminals - Flash Au over Ni

Features

- 1.27mm pitch interface connectors with bellows type contacts
- Bellows type contacts ensure low insertion and extracting forces, contact protection from deformation and contact stability

Part Number (Details)

NCS 050Z - 0 2 2 - D F (01)

Series (socket)

No. of Leads

PCB Lock Type:

2 = Hook Lock

Terminal Type:

2 = 90° Solder Dip

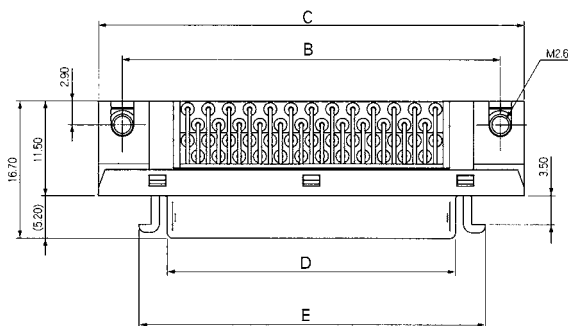
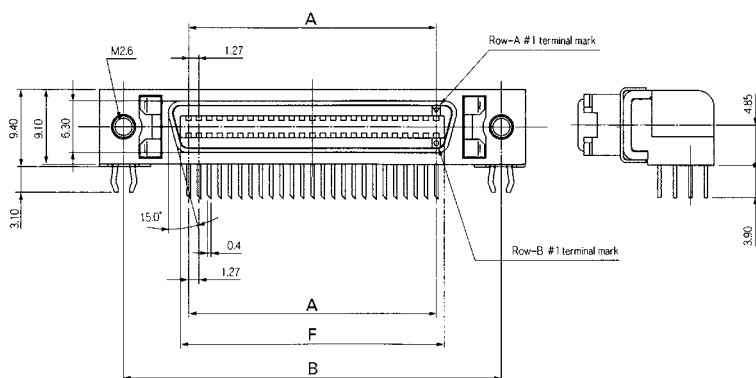
Mating Face Contact Plating:

D = Au (0.2 μ m min.) over Nickel

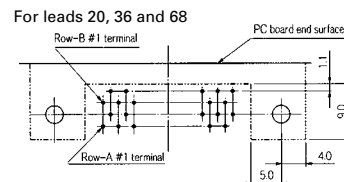
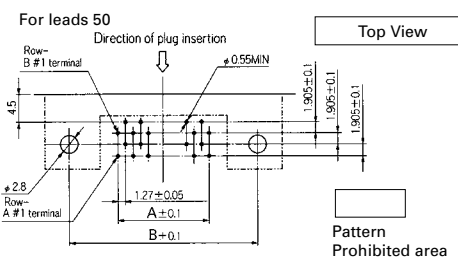
Solder Terminal Plating:

F = Flash Au over Nickel

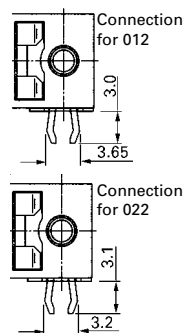
Outline Socket Dimensions



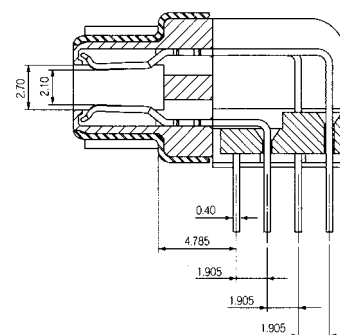
Recommended PCB Layout



PCB-Locking Details



Contact Details



Part Number	No. of Leads	A	B	C	D	E	F	G
NCS020Z-022-DF (01)	20	11.43	27.45	33.35	16.43	23.35	13.43	20.76
NCS036Z-022-DF (01)	36	21.59	37.61	43.51	26.59	33.51	23.59	27.11
NCS050Z-022-DF (01)	50	30.48	46.50	52.40	35.48	42.40	32.48	36.00