

A-65-13

CA

IDC SOCKET

Features

Conforms to MIL-C-83503/7C
Mass-terminates with .050

[1.27] center cable
Single leaf side wipe contact
designed to mate with .025
[0.64] square or round post
Optional Polarizing Tab,
Strain Relief, Pull Tabs and
Polarizing Keys are
available

Specifications

Environmental

Temperature Range:
-55°C to +120°C

Mechanical

Insulator Material:
Glass filled polyester, gray,
UL94V-0

Contact Material:
Beryllium Copper

Contact Plating:

Standard

Contact Area: 30μ IN gold
I.D. Area: 150μ IN tin/lead

Optional

10μ IN gold

Optional

250μ IN tin

Recommended Wire Size:
28 AWG stranded

Contact Insertion Force:

4 oz [1.1 N] TYP

8 oz [2.2 N] MAX

Contact Extraction Force:

2.75 oz [0.8 N] TYP

2 oz [0.5 N] MIN

Measured with .025 [0.64]
square pin

Electrical

Current Rating:

1 AMP

Dielectric Withstanding

Voltage:

500 Vrms MIN

Insulation Resistance:

> 5000 Megohms

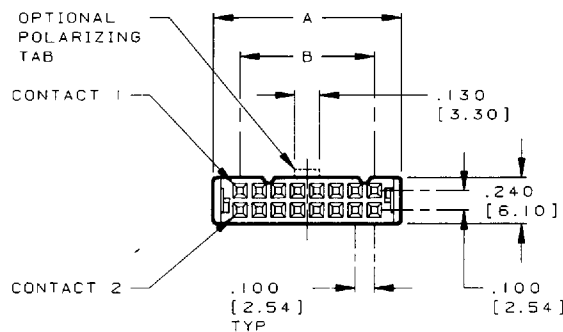
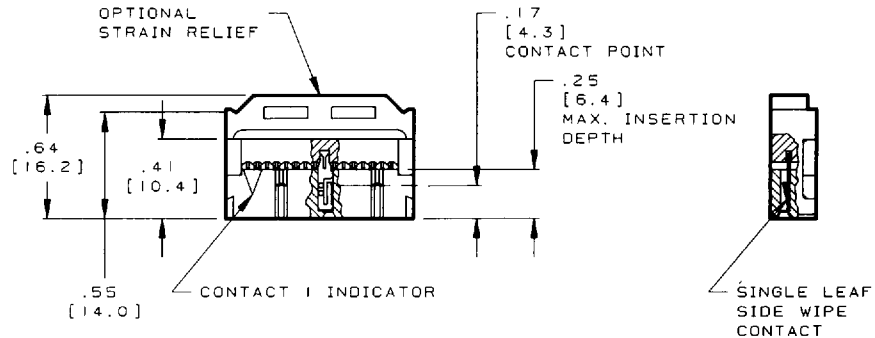
Contact Resistance:

25 milliohms MAX

Measured through
insulation displacement
portion and mating
connector

Mating CA Product:

IDH, D-24, D-24A, HL, HLR,
HM, H, HRM, HR, H3M,
H3, H3RM, H3R, and .100
system strip headers



POLARIZING KEY
CA-IDSK

No. of Positions	Dimensions		Plating	Part Numbers		
	A	B		Connector	w/polarizing tab	Strain Relief
10	.68 [17.3]	.400 [10.16]	30μ IN sel gold	CA-10IDS2-F	CA-10IDS2-F-SPT	CA-SR10IDS2
			10μ IN gold	CA-10IDS2-B	CA-10IDS2-B-SPT	
14	.88 [22.4]	.600 [15.24]	30μ IN sel gold	CA-14IDS2-F	CA-14IDS2-F-SPT	CA-SR14IDS2
			10μ IN gold	CA-14IDS2-B	CA-14IDS2-B-SPT	
16	.98 [24.9]	.700 [17.78]	30μ IN sel gold	CA-16IDS2-F	CA-16IDS2-F-SPT	CA-SR16IDS2
			10μ IN gold	CA-16IDS2-B	CA-16IDS2-B-SPT	
20	1.18 [30.0]	.900 [22.86]	30μ IN sel gold	CA-20IDS2-F	CA-20IDS2-F-SPT	CA-SR20IDS2
			10μ IN gold	CA-20IDS2-B	CA-20IDS2-B-SPT	
26	1.48 [37.6]	1.200 [30.48]	30μ IN sel gold	CA-26IDS2-F	CA-26IDS2-F-SPT	CA-SR26IDS2
			10μ IN gold	CA-26IDS2-B	CA-26IDS2-B-SPT	
34	1.88 [47.8]	1.600 [40.64]	30μ IN sel gold	CA-34IDS2-F	CA-34IDS2-F-SPT	CA-SR34IDS2
			10μ IN gold	CA-34IDS2-B	CA-34IDS2-B-SPT	
40	2.18 [55.4]	1.900 [48.26]	30μ IN sel gold	CA-40IDS2-F	CA-40IDS2-F-SPT	CA-SR40IDS2
			10μ IN gold	CA-40IDS2-B	CA-40IDS2-B-SPT	
50	2.68 [68.1]	2.400 [60.96]	30μ IN sel gold	CA-50IDS2-F	CA-50IDS2-F-SPT	CA-SR50IDS2
			10μ IN gold	CA-50IDS2-B	CA-50IDS2-B-SPT	
60	3.18 [80.8]	2.900 [73.66]	30μ IN sel gold	CA-60IDS2-F	CA-60IDS2-F-SPT	CA-SR60IDS2
			10μ IN gold	CA-60IDS2-B	CA-60IDS2-B-SPT	

For optional 250μ IN tin plating: replace -F with -T

For dual polarizing tab option on the 50 and 60 position: replace -SPT with -DPT



E95981



LR65050