

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

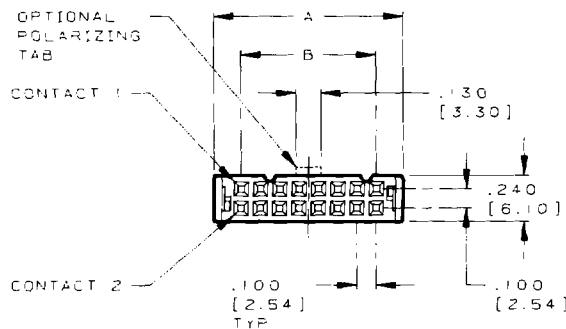
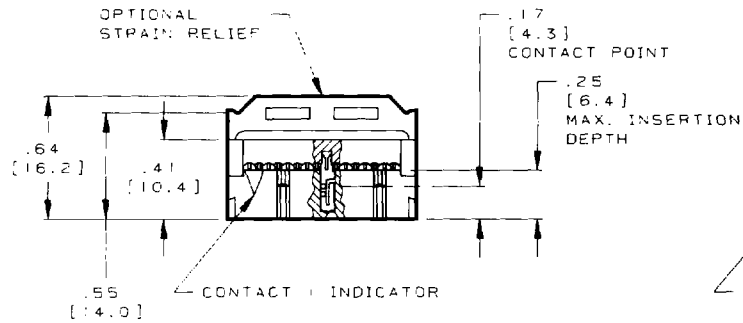


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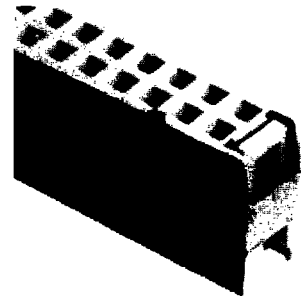


**POLARIZING KEY
CA-IDSK**

No. of Positions	Dimensions		Plating	Connector	Part Numbers	
	A	B			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



IDC SOCKET ECONOMY LINE

Features

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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:

Phosphor Bronze

Contact Plating:

Contact Area: gold flash

I.D. Area: tin/lead alloy

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

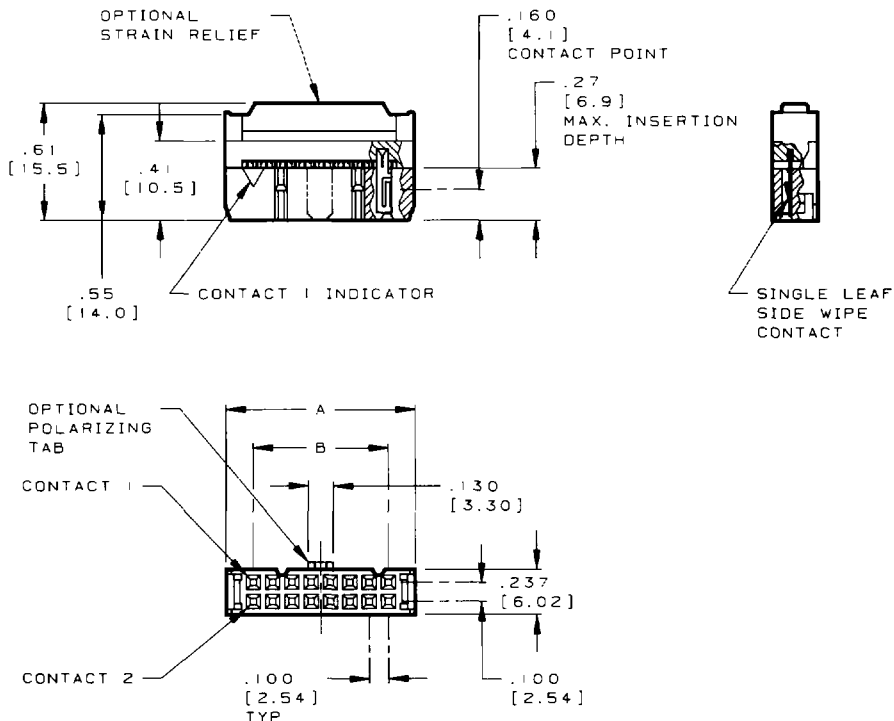
Measured through
insulation displacement
portion and mating
connector

Mating CA Product:

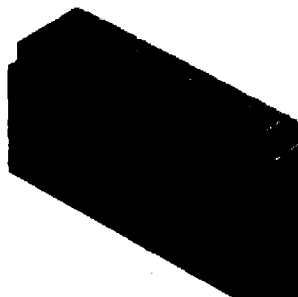
IDH, D-24, D-24A, HL, HLR,
HM, H, HRM, HR, H3M,
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system strip headers



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No. of Positions	Dimensions		Part Numbers		
	A	B	Connector	w/polarizing tab	Strain Relief
6	.48 [12.3]	.20 [5.1]	CA-06FID-A	-	CA-SR06FID
10	.68 [17.3]	.400 [10.16]	CA-10FID-A	CA-10FID-A-SPT	CA-SR10FID
14	.88 [22.4]	.600 [15.24]	CA-14FID-A	CA-14FID-A-SPT	CA-SR14FID
16	.98 [24.9]	.700 [17.78]	CA-16FID-A	CA-16FID-A-SPT	CA-SR16FID
20	1.18 [30.0]	.900 [22.86]	CA-20FID-A	CA-20FID-A-SPT	CA-SR20FID
24	1.38 [35.1]	1.100 [27.9]	CA-24FID-A	CA-24FID-A-SPT	CA-SR24FID
26	1.48 [37.6]	1.200 [30.48]	CA-26FID-A	CA-26FID-A-SPT	CA-SR26FID
30	1.68 [42.8]	1.400 [35.6]	CA-30FID-A	CA-30FID-A-SPT	CA-SR30FID
34	1.88 [47.8]	1.600 [40.64]	CA-34FID-A	CA-34FID-A-SPT	CA-SR34FID
40	2.18 [55.4]	1.900 [48.26]	CA-40FID-A	CA-40FID-A-SPT	CA-SR40FID
50	2.68 [68.1]	2.400 [60.96]	CA-50FID-A	CA-50FID-A-SPT	CA-SR50FID
60	3.18 [80.8]	2.900 [73.7]	CA-60FID-A	CA-60FID-A-SPT	CA-SR60FID
64	3.38 [80.8]	3.100 [73.66]	CA-64FID-A	CA-64FID-A-SPT	CA-SR64FID



CA

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Contact Plating:

10μ IN gold

Consult factory for other
plating options

Recommended Wire Size:

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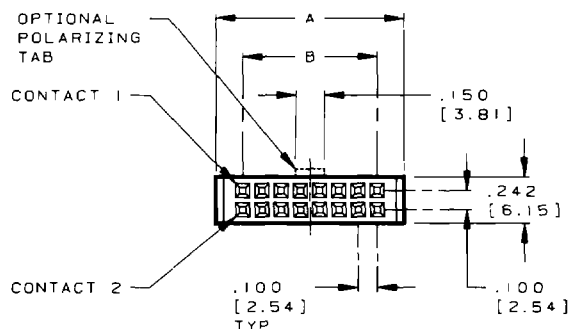
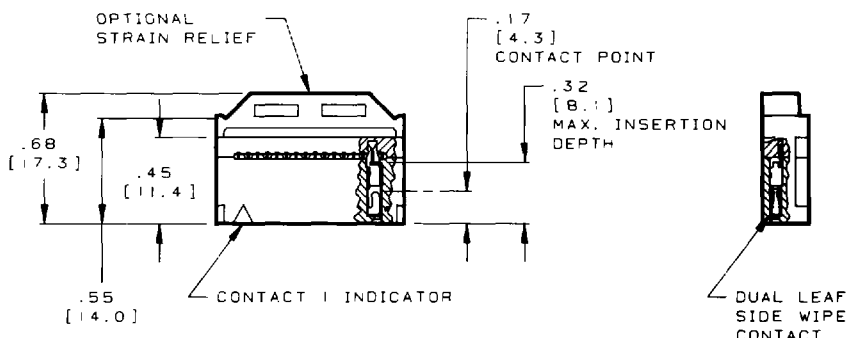
Contact Resistance:

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,
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CA-IDSK**

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10	.68 [17.3]	.400 [10.16]	CA-10IDS-B	-	CA-SR10IDS
14	.88 [22.4]	.600 [15.24]	CA-14IDS-B	CA-14IDS-B-SPT	CA-SR14IDS
16	.98 [24.9]	.700 [17.78]	CA-16IDS-B	CA-16IDS-B-SPT	CA-SR16IDS
20	1.18 [30.0]	.900 [22.86]	CA-20IDS-B	CA-20IDS-B-SPT	CA-SR20IDS
26	1.48 [37.6]	1.200 [30.48]	CA-26IDS-B	CA-26IDS-B-SPT	CA-SR26IDS
34	1.88 [47.8]	1.600 [40.64]	CA-34IDS-B	CA-34IDS-B-SPT	CA-SR34IDS
40	2.18 [55.4]	1.900 [48.26]	CA-40IDS-B	CA-40IDS-B-SPT	CA-SR40IDS
50	2.68 [68.1]	2.400 [60.96]	CA-50IDS-B	CA-50IDS-B-SPT	CA-SR50IDS
60	3.18 [80.8]	2.900 [73.66]	CA-60IDS-B	CA-60IDS-B-SPT	CA-SR60IDS

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



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