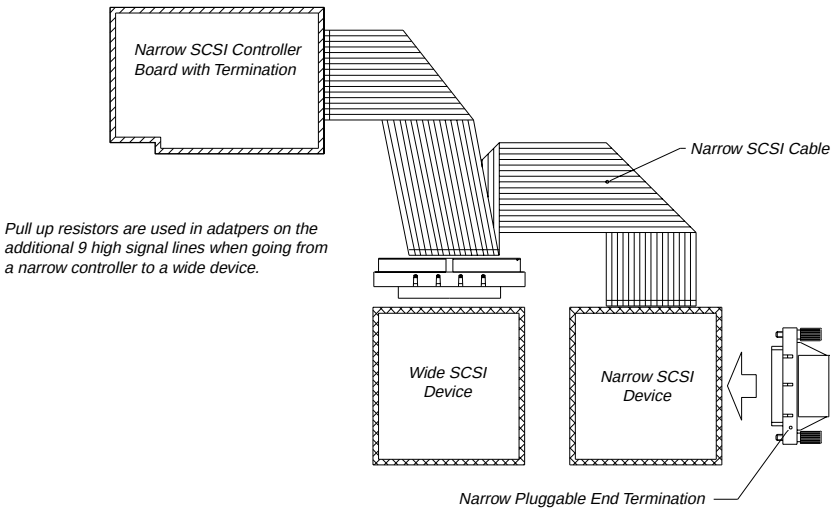
Adapters

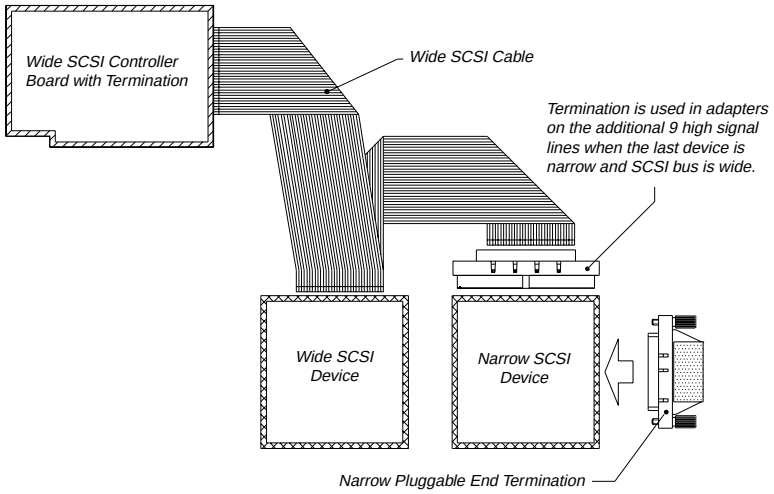
Narrow to Wide Adapters

DM5000-5068-11
SP5000-5068-11
DM5000-5068-18
DM5000-5068-23
DM5000-5068-33
SP5000-5068-43
DM5000-5068-47



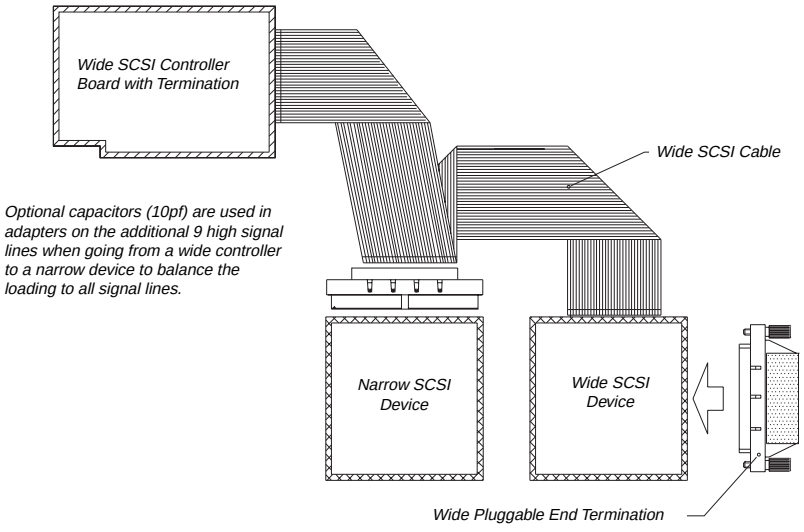
Wide to Narrow Adapters with High 9 Termination

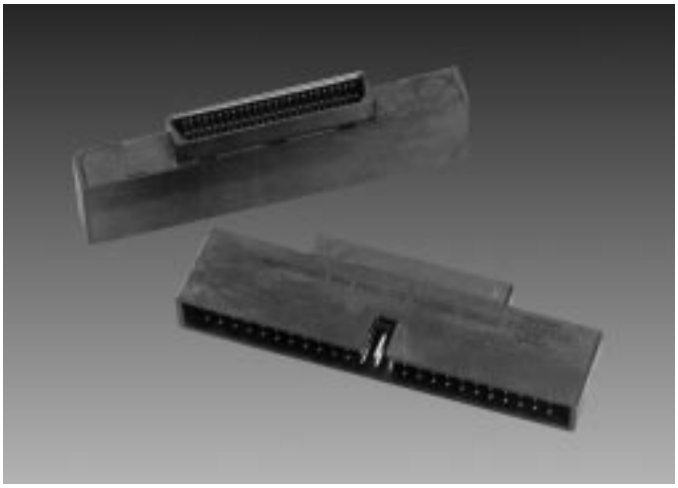
DM5000-5068-05
DM5000-5068-06
DM5000-5068-07
DM5000-5068-08
DM5000-5068-12
DM5000-5068-17
DM5000-5068-25
DM5000-5068-27
DM5000-5068-30
DM5000-5068-31
DM5000-5068-34
DM5000-5068-36
DM5000-5068-37
DM5000-5068-41
DM5000-5068-44
DM5000-5068-46
DM5000-5068-50



Wide to Narrow Adapters

DM5000-5068-01
SP5000-5068-01
DM5000-5068-02
SP5000-5068-02
DM5000-5068-03
DM5000-5068-04
DM5000-5068-13
SP5000-5068-13
DM5000-5068-15
DM5000-5068-16
DM5000-5068-19
DM5000-5068-24
DM5000-5068-26
DM5000-5068-28
DM5000-5068-32
DM5000-5068-35
DM5000-5068-39
DM5000-5068-42





DM5000

50 Position Low Density Male
68 Position High Density Male

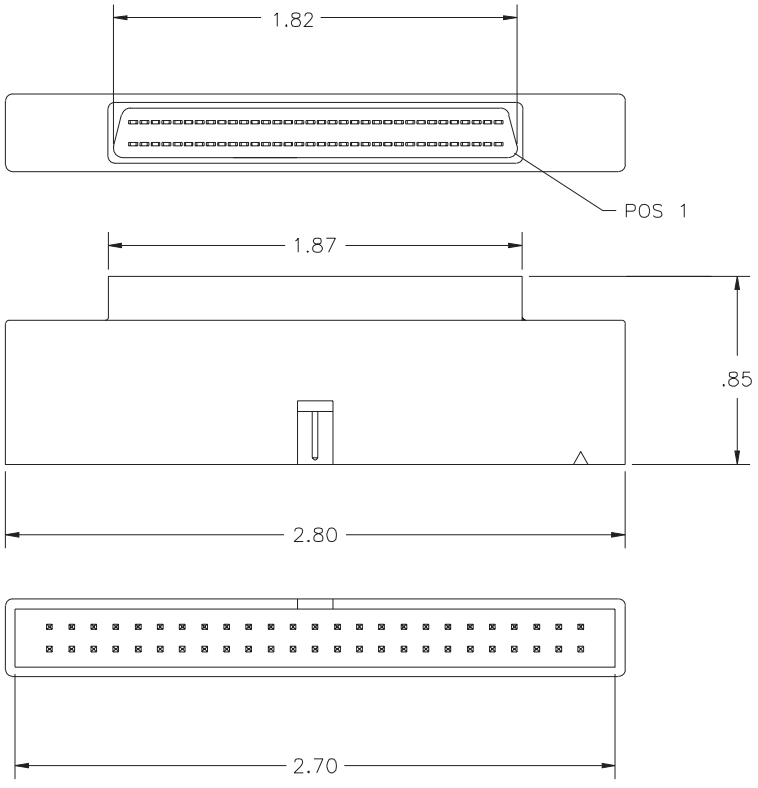
Specifications

Contact Material:
Phosphor bronze, selective gold over nickel plated

Insulator Material:
Reinforced thermoplastic, rated UL 94V-0

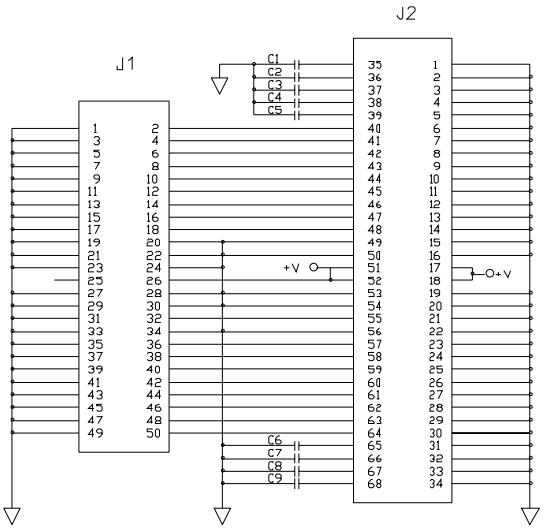
Housing Material:
Reinforced thermoplastic, rated UL 94V-0

Part Number	Circuit
DM5000 - 5068 - 03 =	Single-Ended w/ Cap on High Lines
04 =	Universal Feed thru Open High Lines
07 =	Single-Ended, Regulated High Lines
08 =	Single-Ended, ADR High Lines
11 =	330 OHM and 10K High Lines
12 =	Differential High Lines
- 5050 - 14 =	Direct Feed Thru
SP5000 - 5068 - 11 =	10K on High Lines
43 =	4.7K to Term Power



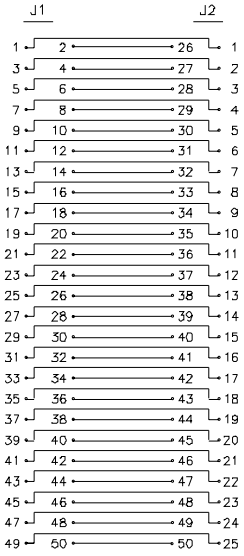
Schematics

DM5000-5068



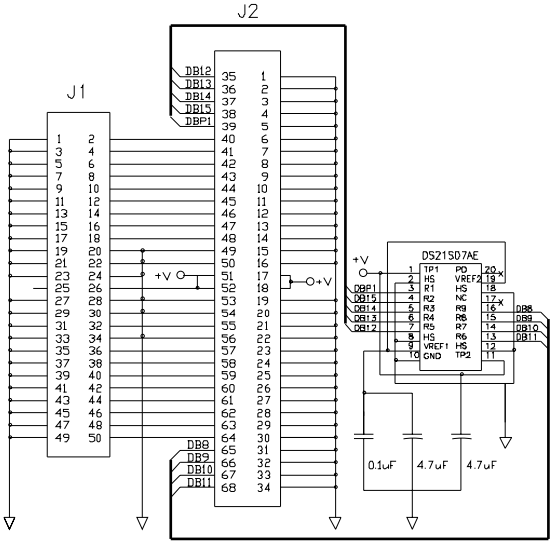
C1–C9 = 10pF.
J1 = 50 POS LOW DENSITY MALE
J2 = 68 POS HIGH DENSITY MALE

DM5000-5050-14



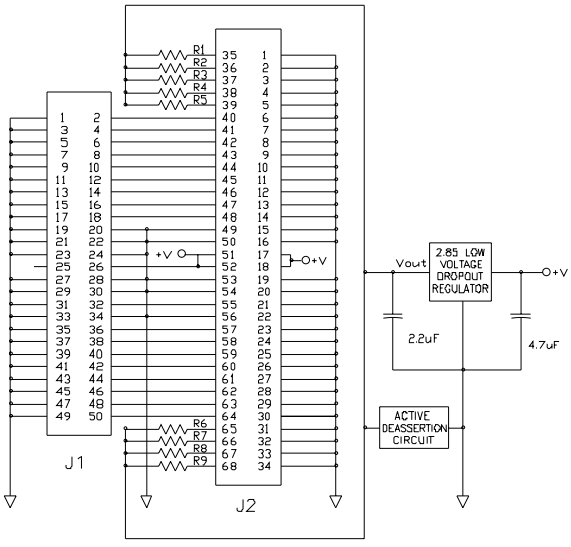
J1 = 50 POS LOW DENSITY MALE
J2 = 50 POS HIGH DENSITY MALE

DM5000-5068-07



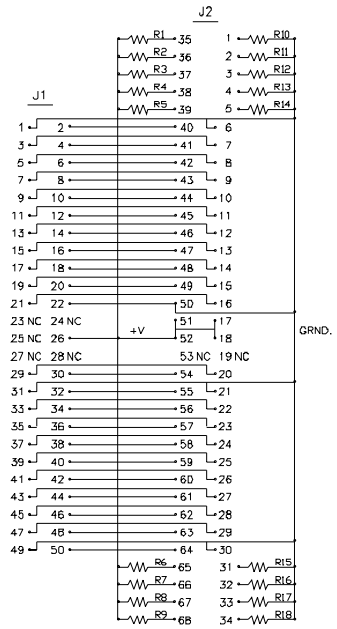
J1 = MALE LOW DENSITY 50 POS.
J2 = MALE HIGH DENSITY 68 POS.

DM5000-5068-08



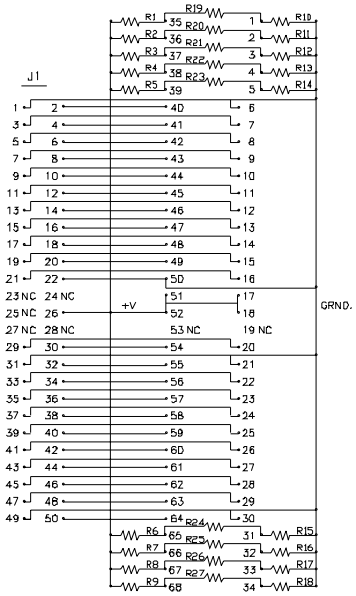
R1–R9 = 110 Ohms.
J1 = MALE LOW DENSITY 50 POS.
J2 = MALE HIGH DENSITY 68 POS.

DM5000-5068-11



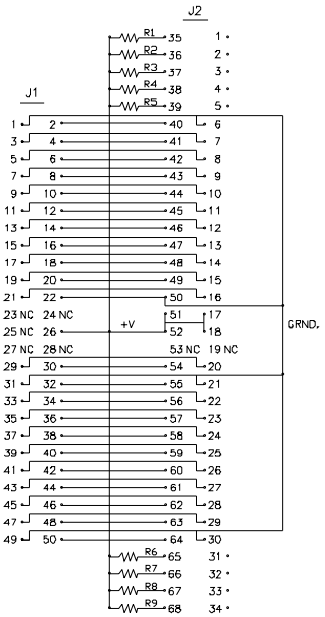
R10–R18 = 330 OHMS
R1–R9 = 10K OHMS
J1 = 50 POS LOW DENSITY MALE
J2 = 68 POS HIGH DENSITY MALE

DM5000-5068-12



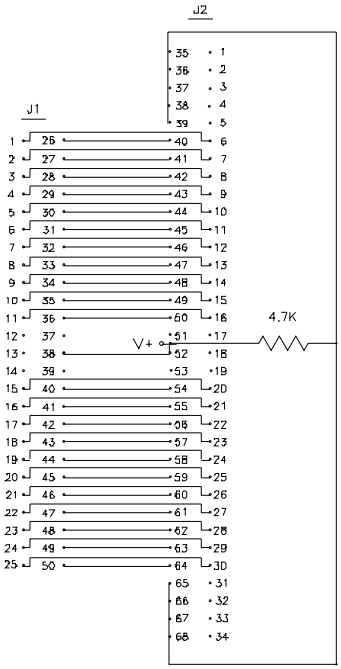
R19–R27 = 150 OHMS
R1–R18 = 330 OHMS
J1 = 50 POS LOW DENSITY MALE
J2 = 68 POS HIGH DENSITY MALE

SP5000-5068-11



R1–R9 = 10KOhms.
J1 = 50 POS LOW DENSITY MALE
J2 = 68 POS HIGH DENSITY MALE

SP5000-5068-43



J1 = MALE LOW DENSITY 50 POS.
J2 = MALE HIGH DENSITY 68 POS.

DM5000 50 Centronic Female x 68 Position High Density Male

Part Number	Circuit
DM5000 - 5068 -	31 = Single-ended Regulated High Lines
	34 = Differential High Lines
	35 = Open High Lines - Grounds Bussed
	36 = Single-Ended Passive High Lines

Specifications

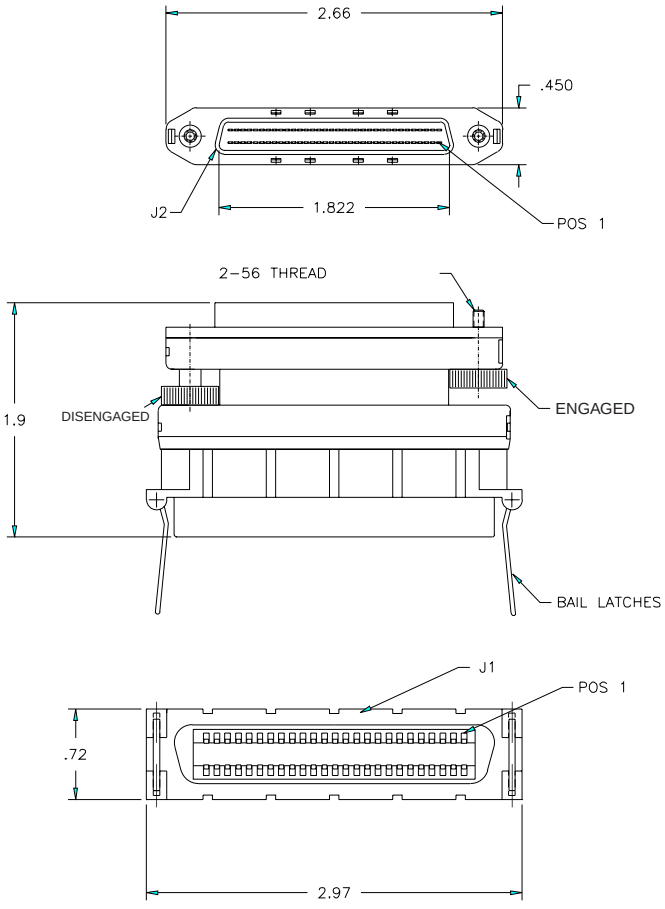
Contact Material:
Phosphor bronze, selective gold over nickel plated

Insulator Material:
Reinforced thermoplastic, rated UL 94V-0

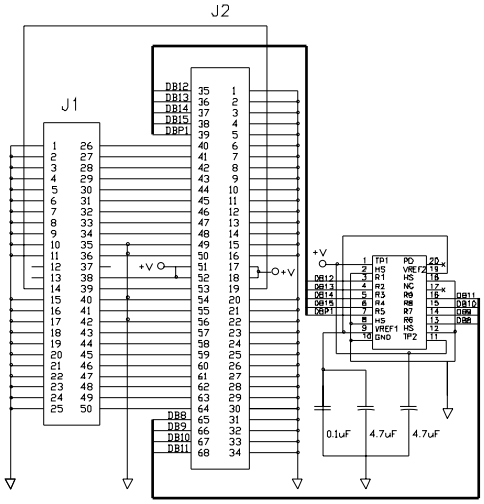
D-Shape Housings & Cover:
Thermoplastic, plated copper, nickel, chrome

PCB:
FLGFN B2B MIL-P-13949, rated UL 94V-0

Thumb-Screw:
Lead Alloy

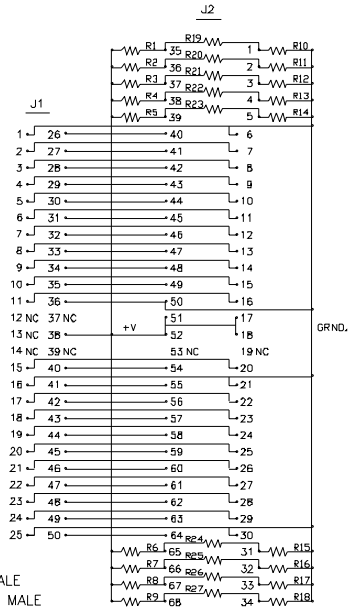


DM5000-5068-31



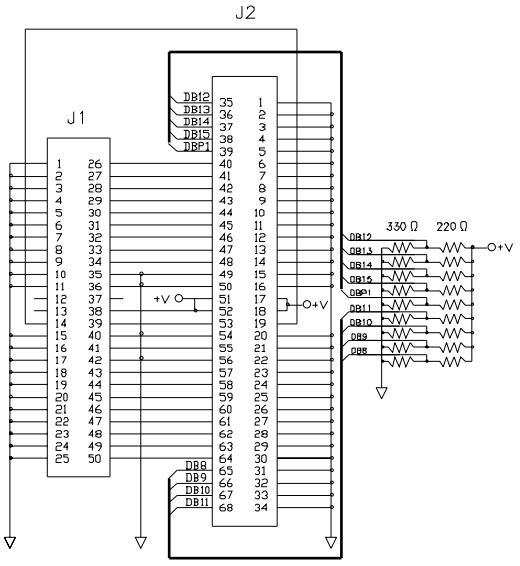
J1 = CENTRONICS FEMALE
J2 = 68 HIGH DENSITY MALE

DM5000-5068-34



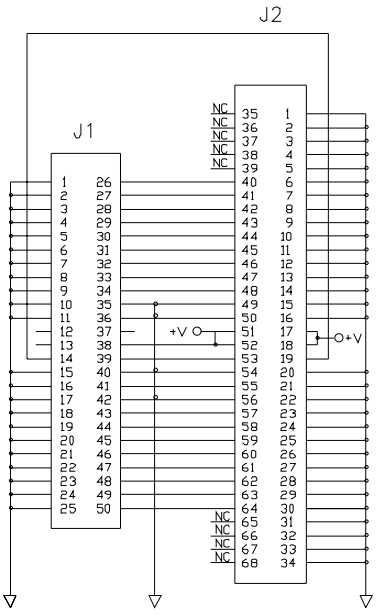
J1 = CENTRONICS FEMALE
J2 = 68 HIGH DENSITY MALE
R1–R18 = 330 OHMS
R19–R27 = 150 OHMS

DM5000-5068-36



J1 = CENTRONICS FEMALE
J2 = 68 HIGH DENSITY MALE

DM5000-5068-35



J1 = CENTRONICS FEMALE
J2 = 68 HIGH DENSITY MALE

DM5000 50 Low Density Male x 68 High Density Male

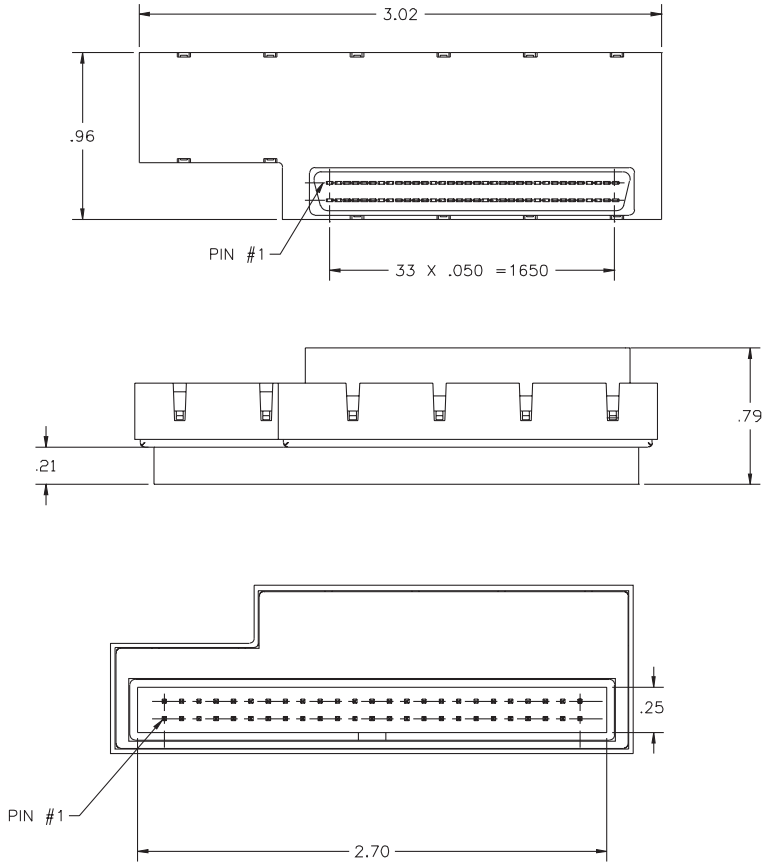
Part Number		Circuit
DM5000 - 5068	- 25 =	Regulated High Lines
	- 39 =	Open High Lines
	- 47 =	4.7K to Term Power

Specifications

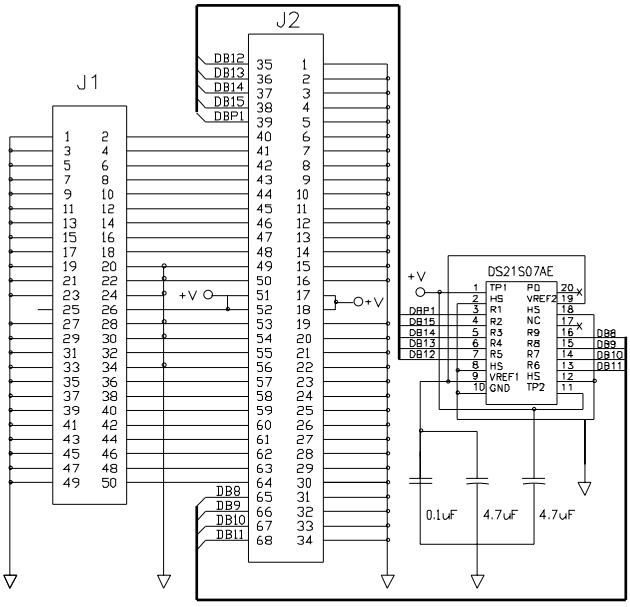
Contact Material:
Phosphor bronze, selective gold over nickel plated

PCB:
FLGFN B2B MIL-P-13949, rated UL 94V-0

Housing Material:
Reinforced thermoplastic, rated UL 94V-0

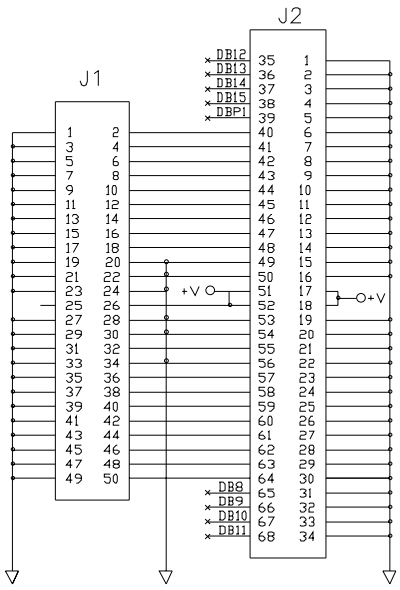


DM5000-5068-25



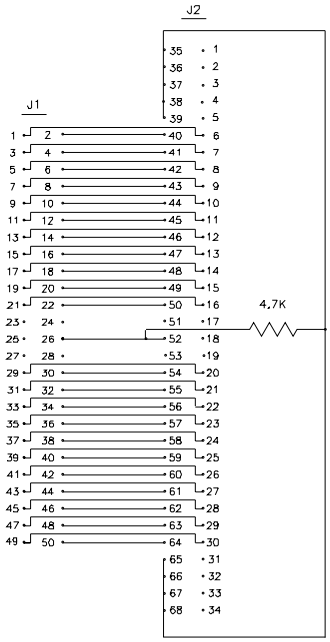
J1 = MALE LOW DENSITY 50 POS.
J2 = MALE HIGH DENSITY 68 POS.

DM5000-5068-39



J1 = MALE LOW DENSITY 50 POS.
J2 = MALE HIGH DENSITY 68 POS.

DM5000-5068-47



J1 = MALE LOW DENSITY 50 POS.
J2 = MALE HIGH DENSITY 68 POS.

DM5000 50 Position Centronic Male x 68 Position High Density Female

Part Number		Circuit
DM5000 - 5068-	05 =	Single-Ended, Regulated High Lines
-	06 =	Single-Ended, ADR High Lines
-	17 =	Differential High Lines
-	42 =	Open High Lines
-	44 =	Fast 20 High Lines

Specifications

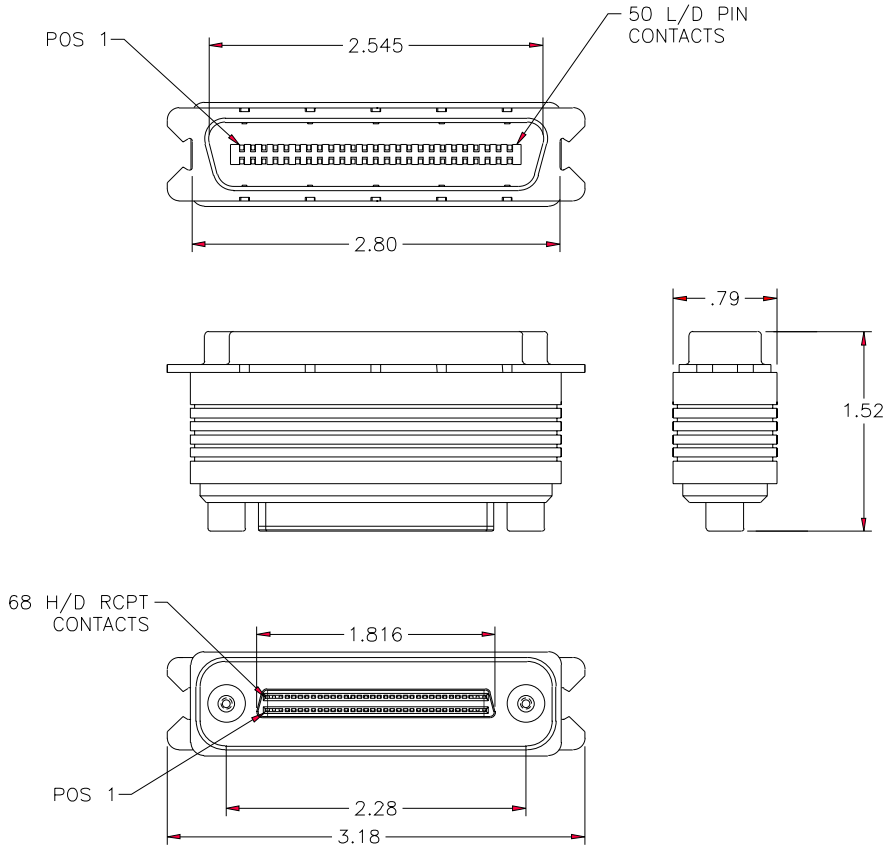
Contact Material:
Phosphor bronze, selective gold over nickel plated

Insulator Material:
Reinforced thermoplastic, rated UL 94V-0

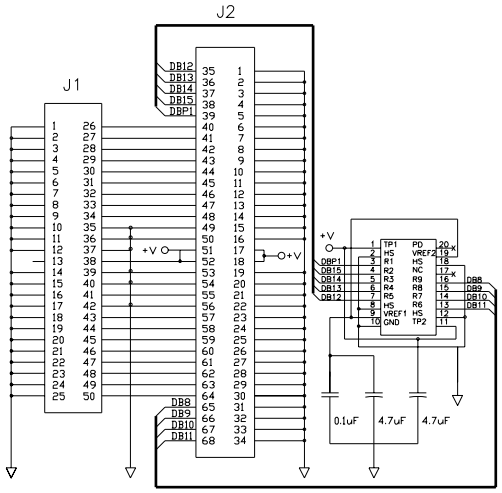
Housing Material:
ABS thermoplastic, plated copper, nickel, chrome

Grey over Mold Cover:
Reinforced thermoplastic, rated UL 94V-0

PCB:
FLGFN B2B MIL-P-13949, rated UL 94V-0

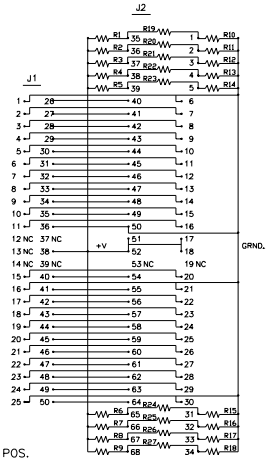


DM5000-5068-05 / DM5000-5068-06



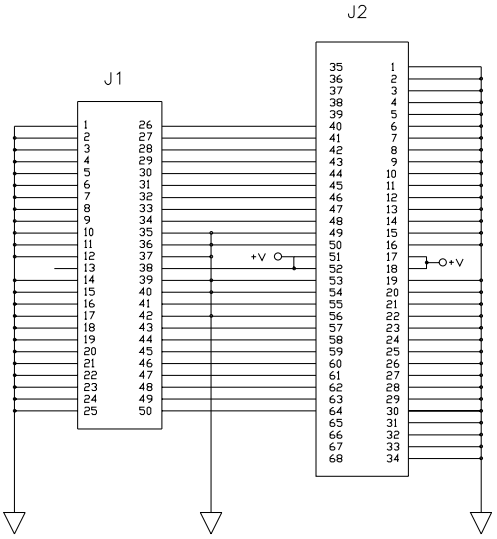
J1 = CENTRONICS STYLE PLUG.
J2 = FEMALE HIGH DENSITY 68 POS.

DM5000-5068-17



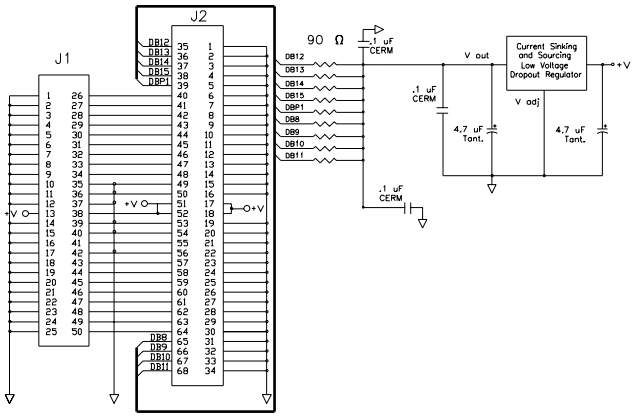
R19–R27 = 150 OHMS
R1–R18 = 330 OHMS
J1 = CENTRONICS STYLE PLUG.
J2 = FEMALE HIGH DENSITY 68 POS.

DM5000-5068-42

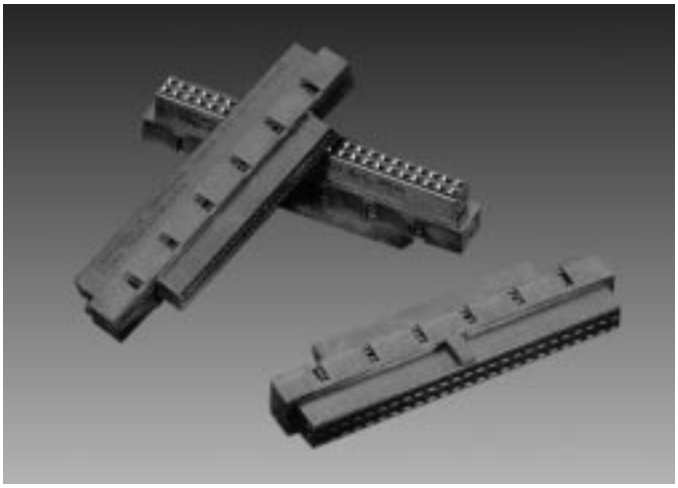


J1 = CENTRONICS STYLE PLUG
J2 = FEMALE HIGH DENSITY 68 POS.

DM5000-5068-44



DM5000 50 Position Low Density Female x 68 Position High Density Female



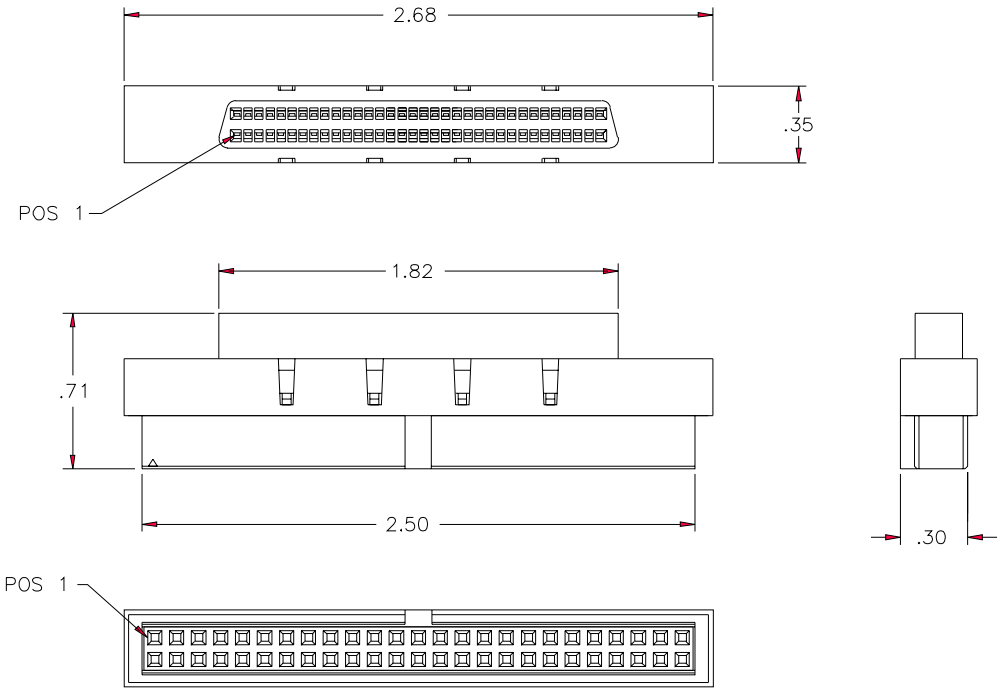
Part Number			Circuit
DM5000 - 5068	- 01	=	Single-Ended with Capacitors on High Lines
	- 02	=	Universal Feed Thru with Capacitors on High Lines
	- 32	=	Universal Feed Thru with Capacitors on High Lines - Right Angle
	- 37	=	S.E. Active High Lines
	- 41	=	Differential High Lines
SP5000 - 5068	- 01	=	Single-Ended Open High Lines
	- 02	=	Universal Feed Thru with Open High Lines
	- 13	=	Custom Circuit

Specifications

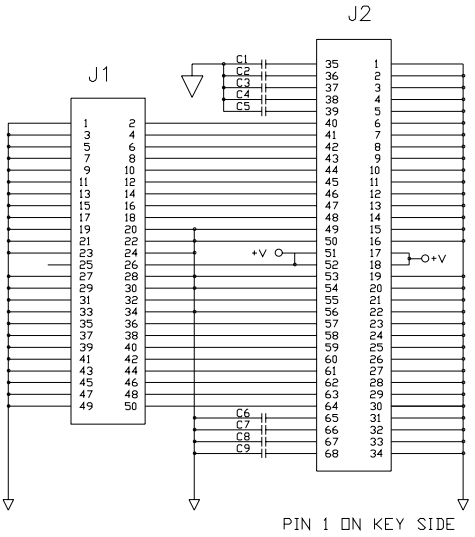
Contact Material:
Phosphor bronze, selective gold over nickel plated

Insulator Material:
Reinforced thermoplastic, rated UL 94V-0

Housing Material:
Reinforced thermoplastic, rated UL 94V-0

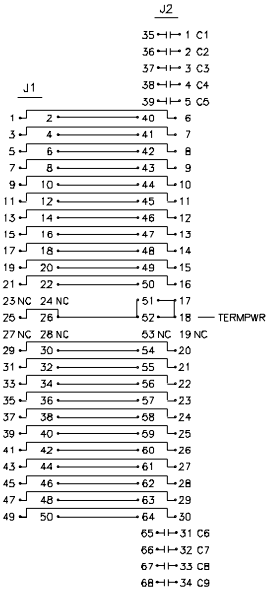


DM5000-5068-01



C1–C9 = 10pF.
J1 = 50 POS LOW DENSITY FEMALE
J2 = 68 POS HIGH DENSITY FEMALE

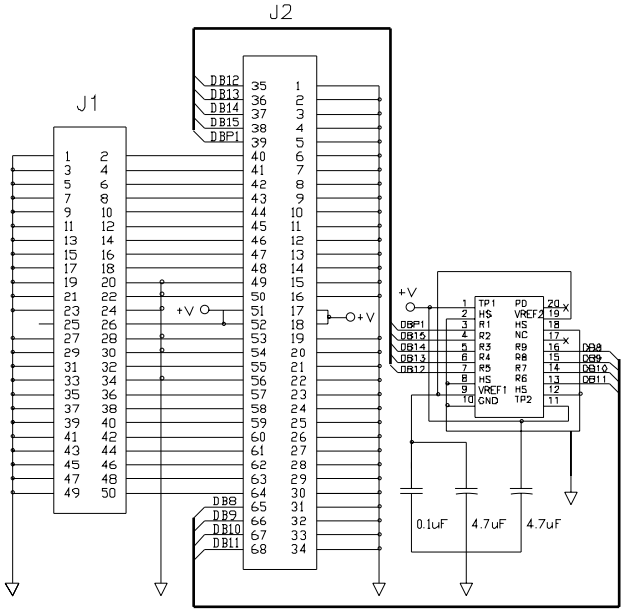
DM5000-5068-32



C1–C9 = 10pF.

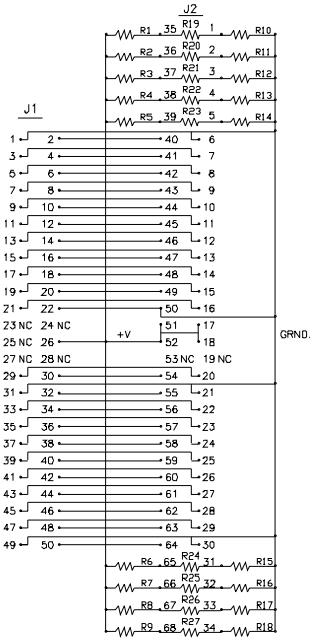
J1 = 50 POS LOW DENSITY FEMALE
J2 = 68 POS HIGH DENSITY FEMALE

DM5000-5068-37



J1 = FEMALE LOW DENSITY 50 POS.
J2 = FEMALE HIGH DENSITY 68 POS.

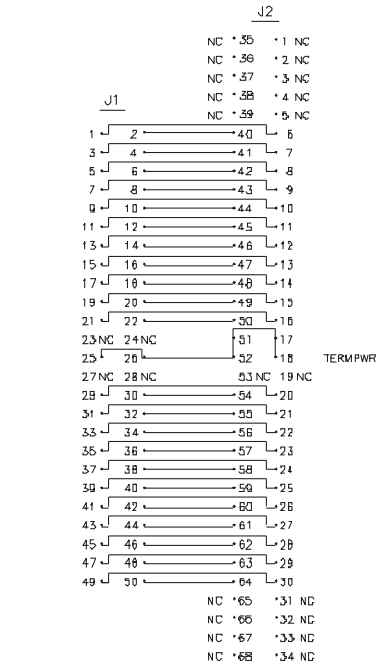
DM5000-5068-41



R1–R18 = 330 OHMS
R19–R27 = 150 OHMS
J1 = 50 POS LOW DENSITY FEMALE
J2 = 68 POS HIGH DENSITY FEMALE

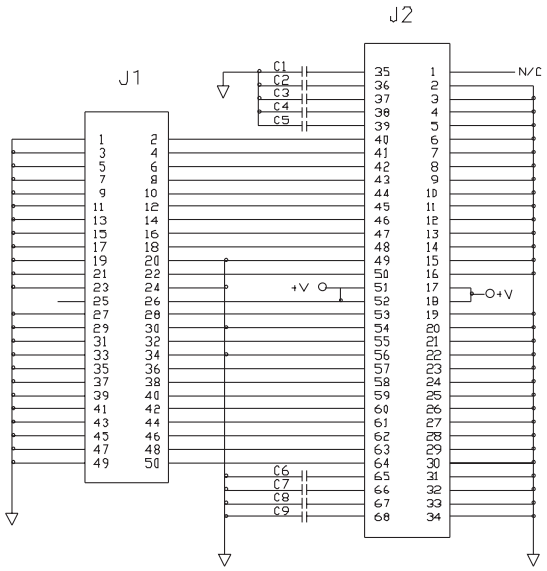
Schematics

SP5000 - 5068 - 02

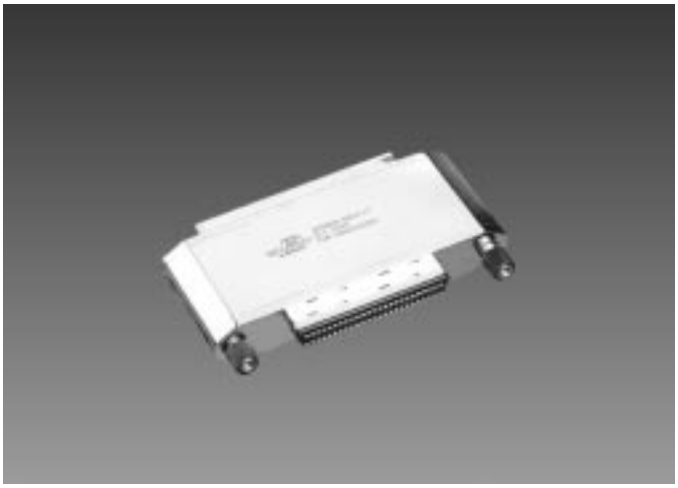


J1 = 50 POS LOW DENSITY FEMALE
J2 = 68 POS HIGH DENSITY FEMALE

SP5000 - 5068 - 13



J1 = 50 POS LOW DENSITY FEMALE
J2 = 68 POS HIGH DENSITY FEMALE
C1–C9 = 10pF.



DM5000 High Density x High Density

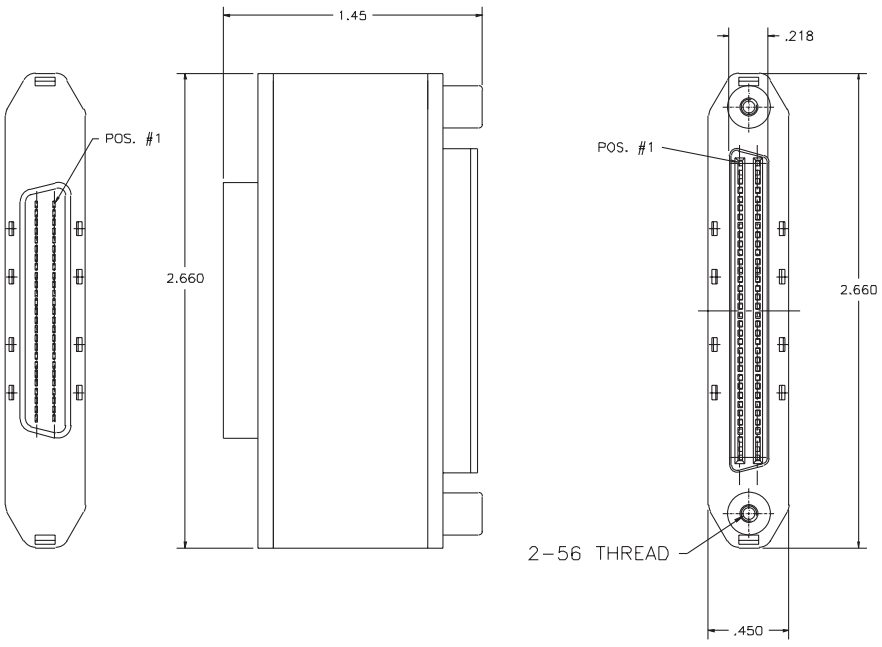
Specifications

Contact Material:
Phosphor bronze, selective gold over nickel plated

Insulator Material:
Reinforced thermoplastic, rated 94V-0

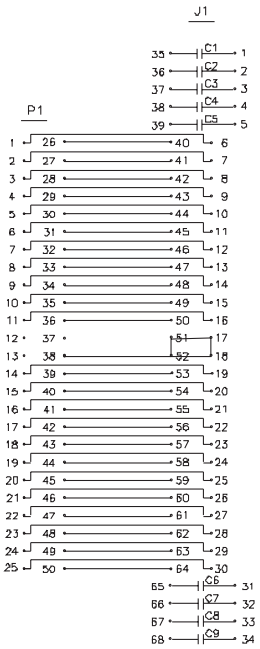
D-Shape Housings and Cover:
ABS thermoplastic, plated copper, nickel, chrome

Part Number	Circuit
DM5000 - 6868 - 20	= External Feed Thru (68F x 68F)
5068 - 26	= Capacitors on the High 9 Signal Lines (50M x 68F)
5068- 27	= Differential on the High 9 Signal Lines (50F x 68M)
5068 - 28	= Capacitors on the High 9 Signal Lines (50F x 68M)
5068 - 29	= Internal Feed Thru (68M x 68M)
5068 - 30	= Active High 9 Signal Lines (50F x 68M)
5068 - 46	= Active High 9 Signal Lines (50F x 68M)
5068 - 50	= Active High 9 Signal Lines (50M x 68F)



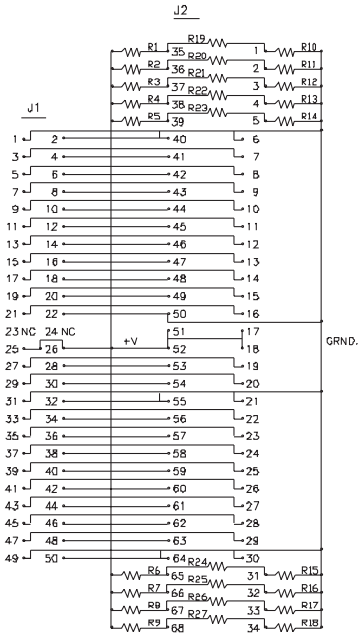
Schematics

DM5000 - 5068 - 26



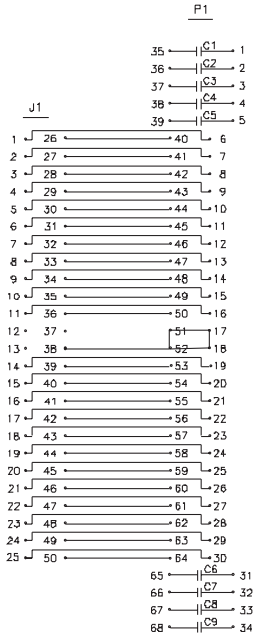
J1 = FEMALE HIGH DENSITY 68 POS.
P1 = MALE HIGH DENSITY 50 POS.
C1–C9 = 10pF

DM5000 - 5068 - 27



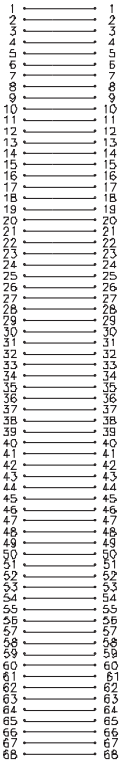
J1 = FEMALE HIGH DENSITY 50 POS.
J2 = MALE HIGH DENSITY 68 POS.

DM5000 - 5068 - 28

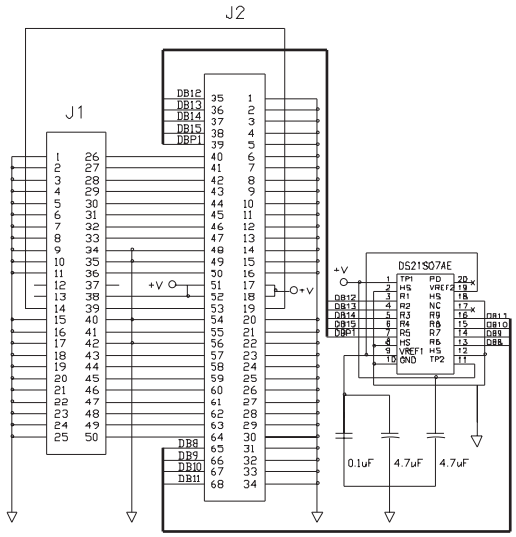


J1 = FEMALE HIGH DENSITY 50 POS.
P1 = MALE HIGH DENSITY 68 POS.
C1–C9 = 10pF

DM5000 - 6868 - 20 (Female to Female)
DM5000 - 6868 - 29 (Male to Male)

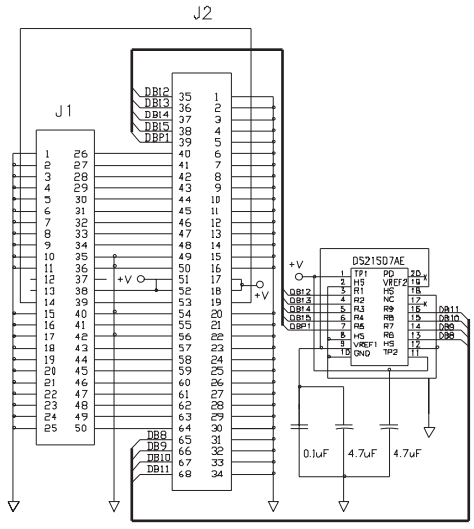


DM5000 - 5068 - 46



J1 = FEMALE HIGH DENSITY 50 POS.
J2 = MALE HIGH DENSITY 68 POS.

DM5000 - 5068 - 50



J1 = MALE HIGH DENSITY 50 POS.
J2 = FEMALE HIGH DENSITY 68 POS.

DM5000

Part Number

DM5000 - 80XX - 40 = 80 pin SCA Female x 68 HDF, Active Negation Termination

- 45 = SCA-2 Extender
- 48 = 80 pin SCA Female x 68 HDF, Active Negation Termination
- 51 = 80 pin Male x 50 LDF Ribbon Cable with Power Receptacle on Cable - No Termination
- 52 = 80 pin Female x 68 HDF - No Temination, use on LVD
- 53 = 80 pin Female x 68 LDF with Power Receptacle
- 54 = 80 pin Male x 68 LDF with Power Receptacle on Cable-No Termination

Specifications

Insulator Material:

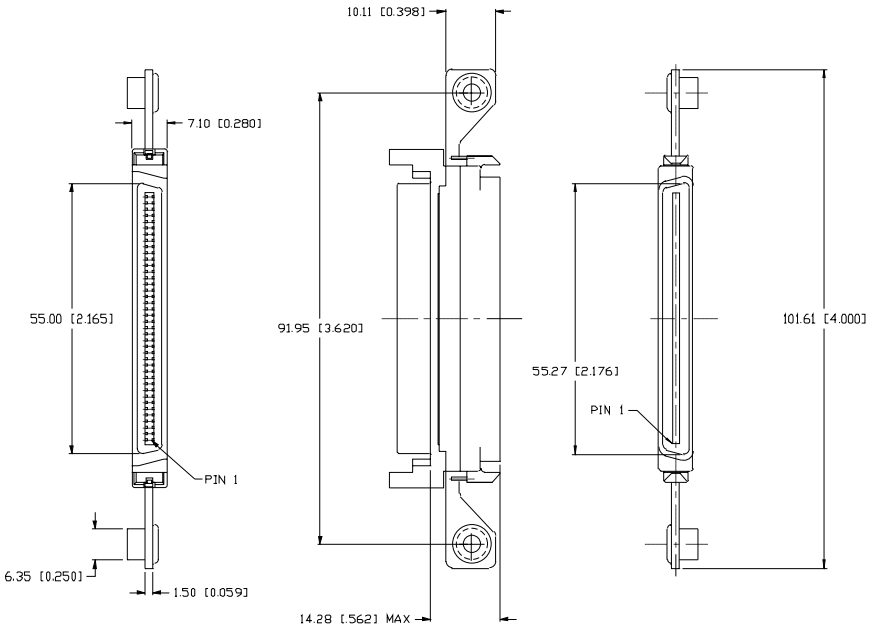
Reinforced thermoplastic, rated UL 94V-0

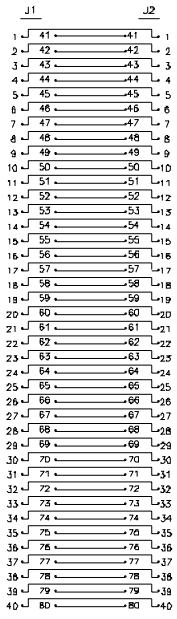
Plating Material:

Plug contacts plated .000020" min Au over .000050" Ni socket contacts plated .000005" Au flash over palladium Ni

Circuit Board:

FR 4 material rated Class III (thickness + .0003")





DM5000-8080-45