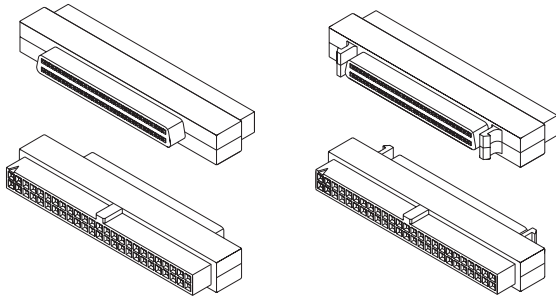


SCSI FEMALE TO FEMALE INTERFACE ADAPTER



Without Latch Posts:
P/N 980211-1F1-3F0

With Latch Posts:
P/N 980211-1F1-3F3

Also available with terminal power option:

P/N 980211-1F1X3F0 without Latch Posts or 980211-1F1X3F3 with Latch Posts

50 Position Female to 68 Position Female (8 Bit to 16 Bit/16 Bit to 8 Bit)

Meritec's Female to Female adapters allow reliable interfacing between SCSI-1 and SCSI-3. The adapters mate with 50 position .100 x .100 grid SCSI-1 low profile shrouded headers and 68 position .050 x .100 grid SCSI-3 plugs. These adapters are available with customer specific pinout, filtering and termination. The 68 position is offered with and without latch posts.

FEATURES and BENEFITS

- Allows reliable interfacing of 8 bit to 16 bit and 16 bit to 8 bit devices
- Eliminates the need for multiple cable assembly configurations
- Short overall length between mating faces allows dense packaging
- High withdrawal force contacts
- Dual wipe contacts
- Low inductance, short electrical path
- Ultra SCSI/fast-20 compliant
- Meets ANSI Specifications X3-131-1986
- Standard product pinouts meet SCSI specifications
- The 68 position is available with and without latch posts
- Available in customer specific pinout, filtering and termination

For custom connector solutions or the name and location of your nearest Meritec Sales Representative, call 1-888-MERITEC (888-637-4832).

SPECIFICATIONS

ELECTRICAL:

- Contact Resistance - 15 milliohm (maximum)
- Dielectric withstanding voltage - 500 VAC (RMS)
- Current rating - 1.0 amp (continuous)
- Insulation resistance - $>1 \times 10^{12}$ ohms @ 300 VDC

MECHANICAL:

- Contact material - copper alloy
- Contact finish - selectively plated contact surface consists of 30 micro inches gold (minimum) over 50 micro inches nickel (minimum)
- Insertion force
 - 50 pos - 150 grams/contact nominal
 - 68 pos - 75 grams/contact nominal
- Withdrawal force
 - 50 pos - 95 grams/contact nominal
 - 68 pos - 50 grams/contact nominal
- Dielectric material:
 - Connector body - liquid crystal polymer
 - Backshell - glass filled polyester

ENVIRONMENTAL:

- Material - U.L. rated 94 V-0
- Temperature rating - -40°C to +105°C

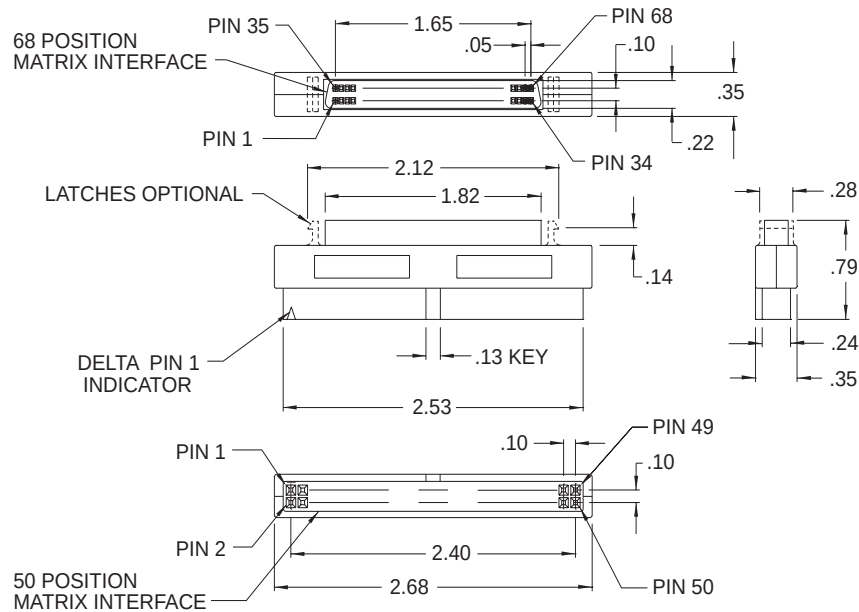


Where quality assures performance

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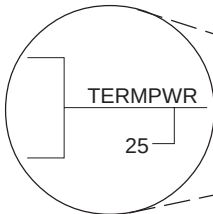
SCSI FEMALE TO FEMALE INTERFACE ADAPTER

Illustrated: P/N 980211-1F1-3F0
Without Latch Posts



SCSI 68 POS. RECEPTACLE UNSHIELDED
TO SCSI 50 POS. FEMALE LOW DENSITY UNSHIELDED

Note: Also available
with Terminal
Power Option as
illustrated below.



Ordering P/N

P/N 980211-1F1X3F0 Without Latch Posts
and P/N 980211-1F1X3F3 With Latch Posts

GND - 01	10pF	35 - DB12
GND - 02	10pF	36 - DB13
GND - 03	10pF	37 - DB14
GND - 04	10pF	38 - DB15
GND - 05	10pF	39 - DBP16
GND - 06	01	40 - DB00
GND - 07	03	41 - DB01
GND - 08	05	42 - DB02
GND - 09	07	43 - DB03
GND - 10	09	44 - DB04
GND - 11	11	45 - DB05
GND - 12	13	46 - DB06
GND - 13	15	47 - DB07
GND - 14	17	48 - DBP
GND - 15	19	49 - GND
GND - 16	21	50 - GND
TERMPWR - 17	N/C - 23	51 - TERMPWR
TERMPWR - 18	N/C - 25	52 - TERMPWR
RESERVED - 19	N/C - 27	53 - RESERVED
GND - 20	29	54 - GND
GND - 21	31	55 - ATN
GND - 22	33	56 - GND
GND - 23	35	57 - BSY
GND - 24	37	58 - ACK
GND - 25	39	59 - RST
GND - 26	41	60 - MSG
GND - 27	43	61 - SEL
GND - 28	45	62 - C/D
GND - 29	47	63 - REQ
GND - 30	49	64 - I/O
50 POSITION		
GND - 31	10pF	65 - DB08
GND - 32	10pF	66 - DB09
GND - 33	10pF	67 - DB10
GND - 34	10pF	68 - DB11
68 POSITION SIDE 1		68 POSITION SIDE 2

For ordering information or
customer specific pinout, filtering
and termination requirements,
please call Customer Service at
(888)MERITEC (888-637-4832).

Note: Pinout illustrated per
ANSI Spec X3-131-1986
and is identical for versions
with and without latch posts.



Where quality assures performance

All statements, specifications and technical information on
this data sheet are subject to change at any time without notice.

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