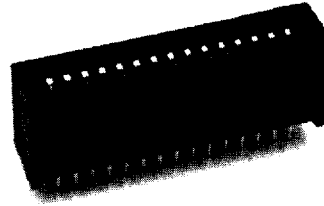


.100" CENTER-TO-CENTER
.200" ROW-TO-ROW
DIP SOLDER TAILS
.300" CARD SLOT DEPTH



PHYSICAL PROPERTIES

INSULATION RESISTANCE: 5000 megohms minimum.
INSERTION/WITHDRAWAL FORCE (DAUGHTER CARD):
8 oz./2oz. average contact pair using .0620 steel blade.

INSULATOR BODY: High temp. glass filled thermoplastic, UL rating 94V-O.

COLOR: Black

CONTACTS: High strength copper alloy.

CONTACT PLATING: 50 microinches nickel underplate with 30 microinches gold in the mating area, tin/lead on tails, 100 microinches minimum

ELECTRICAL PROPERTIES

OPERATION VOLTAGE: 600 VDC (sea level)

CURRENT RATING: 3 Amperes

INITIAL CONTACT RESISTANCE: 10 milliohms

ENVIRONMENTAL PROPERTIES

OPERATING TEMPERATURE: -55°C to +125°C

TEMPERATURE CYCLING: MIL-STD-202 method 107

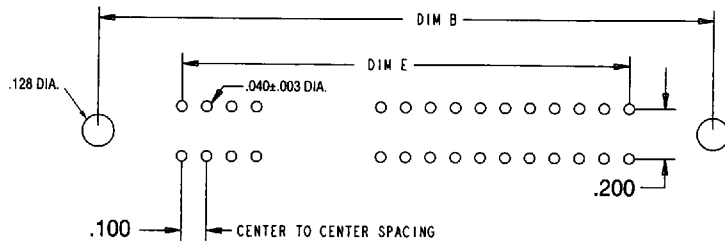
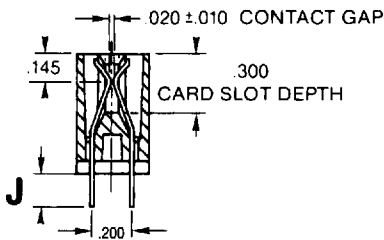
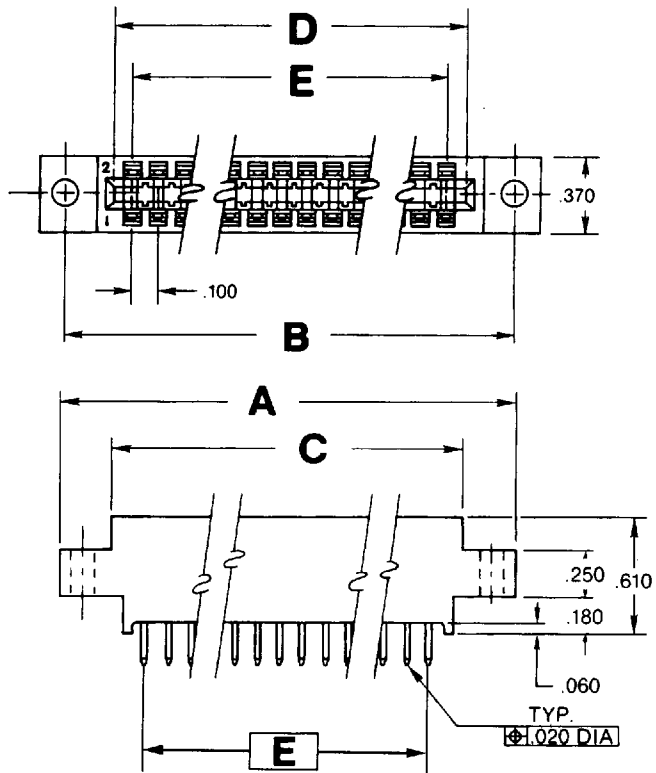
VIBRATION: MIL-STD-202 method 204

ACCESSORIES

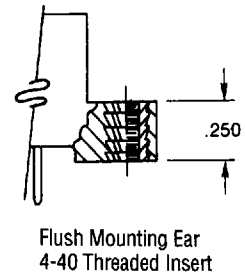
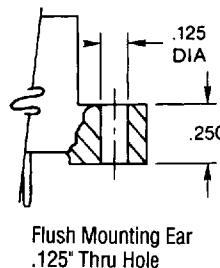
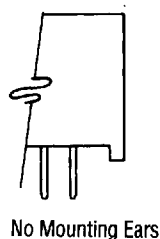
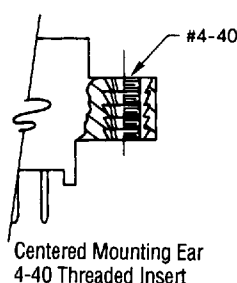
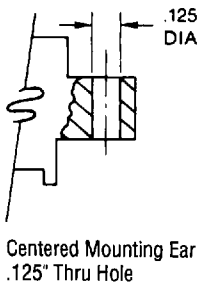
POLARIZATION KEY: Cat. # 98014-00, see page 372

DAUGHTER CARD

See page 373 for layout



Mounting Styles



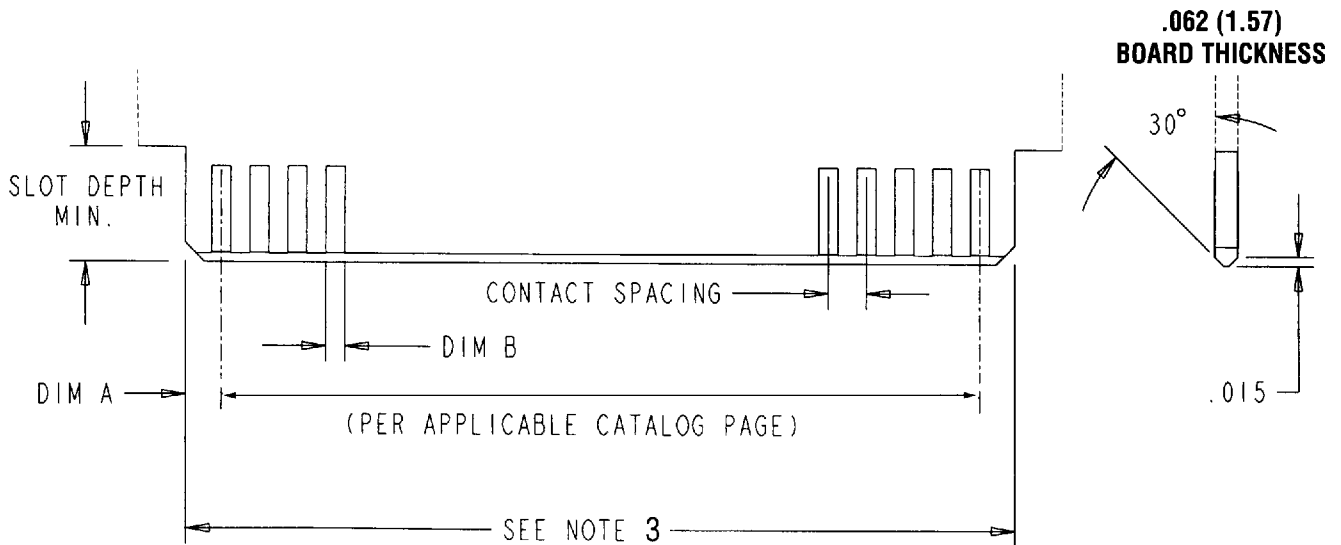
ORDERING INFORMATION -

.100 CENTER-TO-CENTER / .200 ROW-TO-ROW

NO. OF DUAL READOUT POSITIONS	MOUNTING EAR OPTIONS					A	B	C	D	E
	CENTERED MOUNTING EAR .125" THRU HOLE	CENTERED MOUNTING EAR 4-40 THREADED INSERT	NO MOUNTING EARS	FLUSH MOUNTING EAR .125" THRU HOLE	FLUSH MOUNTING EAR 4-40 THREADED INSERT					
TAIL LENGTH .130 (DIM "J")										
6	C8D06DS29A1	C8D06DS29B1	C8D06DS29C1	C8D06DS29D1	C8D06DS29E1	1.435	1.175	0.860	0.700	0.500
10	C8D10DS29A1	C8D10DS29B1	C8D10DS29C1	C8D10DS29D1	C8D10DS29E1	1.835	1.575	1.260	1.100	0.900
12	C8D12DS29A1	C8D12DS29B1	C8D12DS29C1	C8D12DS29D1	C8D12DS29E1	2.035	1.775	1.460	1.300	1.100
15	C8D15DS29A1	C8D15DS29B1	C8D15DS29C1	C8D15DS29D1	C8D15DS29E1	2.335	2.075	1.760	1.600	1.400
18	C8D18DS29A1	C8D18DS29B1	C8D18DS29C1	C8D18DS29D1	C8D18DS29E1	2.635	2.375	2.060	1.900	1.700
20	C8D20DS29A1	C8D20DS29B1	C8D20DS29C1	C8D20DS29D1	C8D20DS29E1	2.835	2.575	2.260	2.100	1.900
22	C8D22DS29A1	C8D22DS29B1	C8D22DS29C1	C8D22DS29D1	C8D22DS29E1	3.035	2.775	2.460	2.300	2.100
25	C8D25DS29A1	C8D25DS29B1	C8D25DS29C1	C8D25DS29D1	C8D25DS29E1	3.335	3.075	2.760	2.600	2.400
28	C8D28DS29A1	C8D28DS29B1	C8D28DS29C1	C8D28DS29D1	C8D28DS29E1	3.635	3.375	3.060	2.900	2.700
30	C8D30DS29A1	C8D30DS29B1	C8D30DS29C1	C8D30DS29D1	C8D30DS29E1	3.835	3.575	3.260	3.100	2.900
31	C8D31DS29A1	C8D31DS29B1	C8D31DS29C1	C8D31DS29D1	C8D31DS29E1	3.935	3.675	3.360	3.200	3.000
35	C8D35DS29A1	C8D35DS29B1	C8D35DS29C1	C8D35DS29D1	C8D35DS29E1	4.335	4.075	3.760	3.600	3.400
36	C8D36DS29A1	C8D36DS29B1	C8D36DS29C1	C8D36DS29D1	C8D36DS29E1	4.435	4.175	3.860	3.700	3.500
40	C8D40DS29A1	C8D40DS29B1	C8D40DS29C1	C8D40DS29D1	C8D40DS29E1	4.835	4.575	4.260	4.100	3.900
43	C8D43DS29A1	C8D43DS29B1	C8D43DS29C1	C8D43DS29D1	C8D43DS29E1	5.135	4.875	4.560	4.400	4.200
50	C8D50DS29A1	C8D50DS29B1	C8D50DS29C1	C8D50DS29D1	C8D50DS29E1	5.835	5.575	5.260	5.100	4.900
60	C8D60DS29A1	C8D60DS29B1	C8D60DS29C1	C8D60DS29D1	C8D60DS29E1	6.835	6.575	6.260	6.100	5.900
Tail Length .160 (DIM "J")										
6	C8D06DS29A2	C8D06DS29B2	C8D06DS29C2	C8D06DS29D2	C8D06DS29E2	1.435	1.175	0.860	0.700	0.500
10	C8D10DS29A2	C8D10DS29B2	C8D10DS29C2	C8D10DS29D2	C8D10DS29E2	1.835	1.575	1.260	1.100	0.900
12	C8D12DS29A2	C8D12DS29B2	C8D12DS29C2	C8D12DS29D2	C8D12DS29E2	2.035	1.775	1.460	1.300	1.100
15	C8D15DS29A2	C8D15DS29B2	C8D15DS29C2	C8D15DS29D2	C8D15DS29E2	2.335	2.075	1.760	1.600	1.400
18	C8D18DS29A2	C8D18DS29B2	C8D18DS29C2	C8D18DS29D2	C8D18DS29E2	2.635	2.375	2.060	1.900	1.700
20	C8D20DS29A2	C8D20DS29B2	C8D20DS29C2	C8D20DS29D2	C8D20DS29E2	2.835	2.575	2.260	2.100	1.900
22	C8D22DS29A2	C8D22DS29B2	C8D22DS29C2	C8D22DS29D2	C8D22DS29E2	3.035	2.775	2.460	2.300	2.100
25	C8D25DS29A2	C8D25DS29B2	C8D25DS29C2	C8D25DS29D2	C8D25DS29E2	3.335	3.075	2.760	2.600	2.400
28	C8D28DS29A2	C8D28DS29B2	C8D28DS29C2	C8D28DS29D2	C8D28DS29E2	3.635	3.375	3.060	2.900	2.700
30	C8D30DS29A2	C8D30DS29B2	C8D30DS29C2	C8D30DS29D2	C8D30DS29E2	3.835	3.575	3.260	3.100	2.900
31	C8D31DS29A2	C8D31DS29B2	C8D31DS29C2	C8D31DS29D2	C8D31DS29E2	3.935	3.675	3.360	3.200	3.000
35	C8D35DS29A2	C8D35DS29B2	C8D35DS29C2	C8D35DS29D2	C8D35DS29E2	4.335	4.075	3.760	3.600	3.400
36	C8D36DS29A2	C8D36DS29B2	C8D36DS29C2	C8D36DS29D2	C8D36DS29E2	4.435	4.175	3.860	3.700	3.500
40	C8D40DS29A2	C8D40DS29B2	C8D40DS29C2	C8D40DS29D2	C8D40DS29E2	4.835	4.575	4.260	4.100	3.900
43	C8D43DS29A2	C8D43DS29B2	C8D43DS29C2	C8D43DS29D2	C8D43DS29E2	5.135	4.875	4.560	4.400	4.200
50	C8D50DS29A2	C8D50DS29B2	C8D50DS29C2	C8D50DS29D2	C8D50DS29E2	5.835	5.575	5.260	5.100	4.900
60	C8D60DS29A2	C8D60DS29B2	C8D60DS29C2	C8D60DS29D2	C8D60DS29E2	6.835	6.575	6.260	6.100	5.900
Tail Length .220 (DIM "J")										
6	C8D06DS29A3	C8D06DS29B3	C8D06DS29C3	C8D06DS29D3	C8D06DS29E3	1.435	1.175	0.860	0.700	0.500
10	C8D10DS29A3	C8D10DS29B3	C8D10DS29C3	C8D10DS29D3	C8D10DS29E3	1.835	1.575	1.260	1.100	0.900
12	C8D12DS29A3	C8D12DS29B3	C8D12DS29C3	C8D12DS29D3	C8D12DS29E3	2.035	1.775	1.460	1.300	1.100
15	C8D15DS29A3	C8D15DS29B3	C8D15DS29C3	C8D15DS29D3	C8D15DS29E3	2.335	2.075	1.760	1.600	1.400
18	C8D18DS29A3	C8D18DS29B3	C8D18DS29C3	C8D18DS29D3	C8D18DS29E3	2.635	2.375	2.060	1.900	1.700
20	C8D20DS29A3	C8D20DS29B3	C8D20DS29C3	C8D20DS29D3	C8D20DS29E3	2.835	2.575	2.260	2.100	1.900
22	C8D22DS29A3	C8D22DS29B3	C8D22DS29C3	C8D22DS29D3	C8D22DS29E3	3.035	2.775	2.460	2.300	2.100
25	C8D25DS29A3	C8D25DS29B3	C8D25DS29C3	C8D25DS29D3	C8D25DS29E3	3.335	3.075	2.760	2.600	2.400
28	C8D28DS29A3	C8D28DS29B3	C8D28DS29C3	C8D28DS29D3	C8D28DS29E3	3.635	3.375	3.060	2.900	2.700
30	C8D30DS29A3	C8D30DS29B3	C8D30DS29C3	C8D30DS29D3	C8D30DS29E3	3.835	3.575	3.260	3.100	2.900
31	C8D31DS29A3	C8D31DS29B3	C8D31DS29C3	C8D31DS29D3	C8D31DS29E3	3.935	3.675	3.360	3.200	3.000
35	C8D35DS29A3	C8D35DS29B3	C8D35DS29C3	C8D35DS29D3	C8D35DS29E3	4.335	4.075	3.760	3.600	3.400
36	C8D36DS29A3	C8D36DS29B3	C8D36DS29C3	C8D36DS29D3	C8D36DS29E3	4.435	4.175	3.860	3.700	3.500
40	C8D40DS29A3	C8D40DS29B3	C8D40DS29C3	C8D40DS29D3	C8D40DS29E3	4.835	4.575	4.260	4.100	3.900
43	C8D43DS29A3	C8D43DS29B3	C8D43DS29C3	C8D43DS29D3	C8D43DS29E3	5.135	4.875	4.560	4.400	4.200
50	C8D50DS29A3	C8D50DS29B3	C8D50DS29C3	C8D50DS29D3	C8D50DS29E3	5.835	5.575	5.260	5.100	4.900
60	C8D60DS29A3	C8D60DS29B3	C8D60DS29C3	C8D60DS29D3	C8D60DS29E3	6.835	6.575	6.260	6.100	5.900

CARDEDGE CONNECTORS RECOMMENDED DAUGHTER CARD LAYOUT

PER MIL-C-21097E



Daughter Card

CONTACT SPACING NON-ACCUM.	DIM A ±.005 (.13)	DIM B
.100 (2.54)	.093 (2.36)	.052 (1.32)
.125 (3.18)	.093 (2.36)	.052 (1.32)
.156 (3.96)	.105* (2.67)	.094 (2.39)

* Except MIL-C-21097E 8-4 which is .070 (1.78)

NOTES:

1. Dimensions are in inches
2. Unless otherwise specified, tolerance is ±.005 (0.13 mm) for three place decimals.
3. Number of contact fingers shall be the same as the corresponding printed wiring connector.