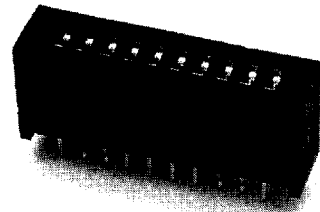


**.125" CENTER-TO-CENTER
.250" ROW-TO-ROW
DIP SOLDER TAILS
.300" CARD SLOT DEPTH**



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: 1000 VDC (sea level)
CURRENT RATING: 3 Amperes
INITIAL CONTACT RESISTANCE: 10 milliohms

ENVIRONMENTAL PROPERTIES

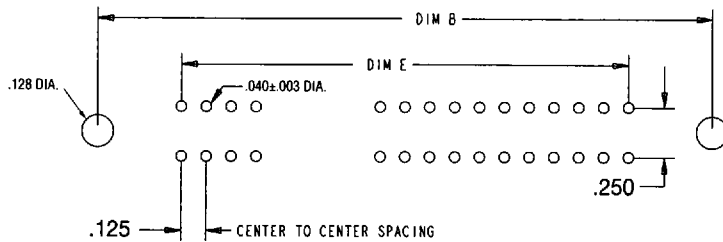
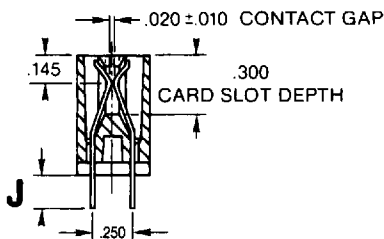
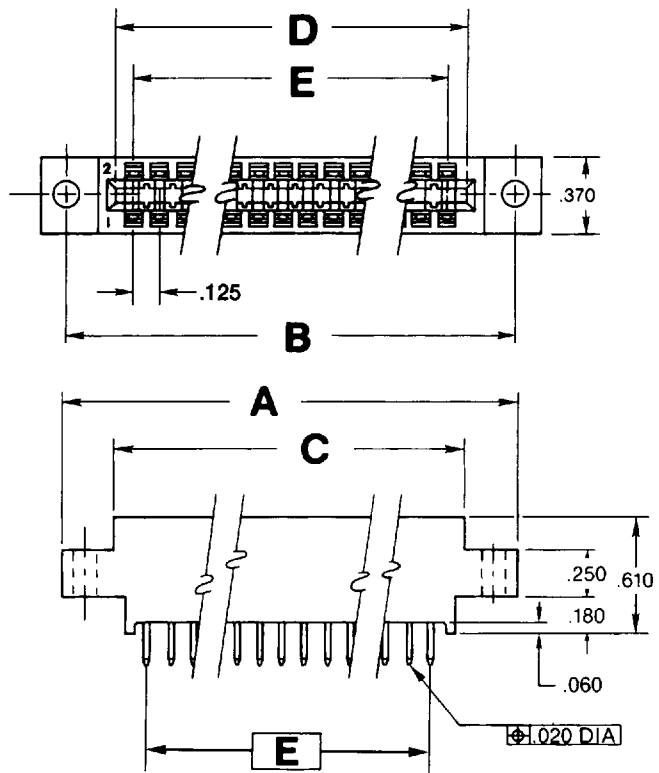
OPERATING TEMPERATURE: -55°C to +125°C
TEMPERATURE CYCLING: MIL-STD-202 method 107
VIBRATION: MIL-STD-202 method 204

ACCESSORIES

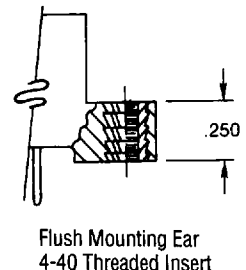
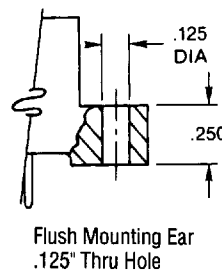
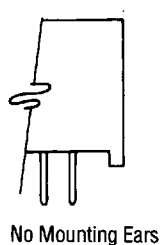
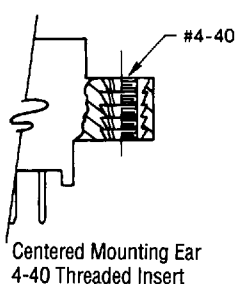
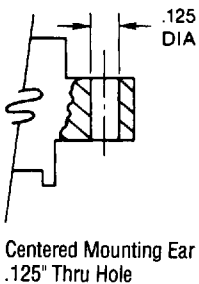
POLARIZATION KEY: Cat. # 98014-00, see page 372

DAUGHTER CARD

See page 373 for layout



Mounting Styles



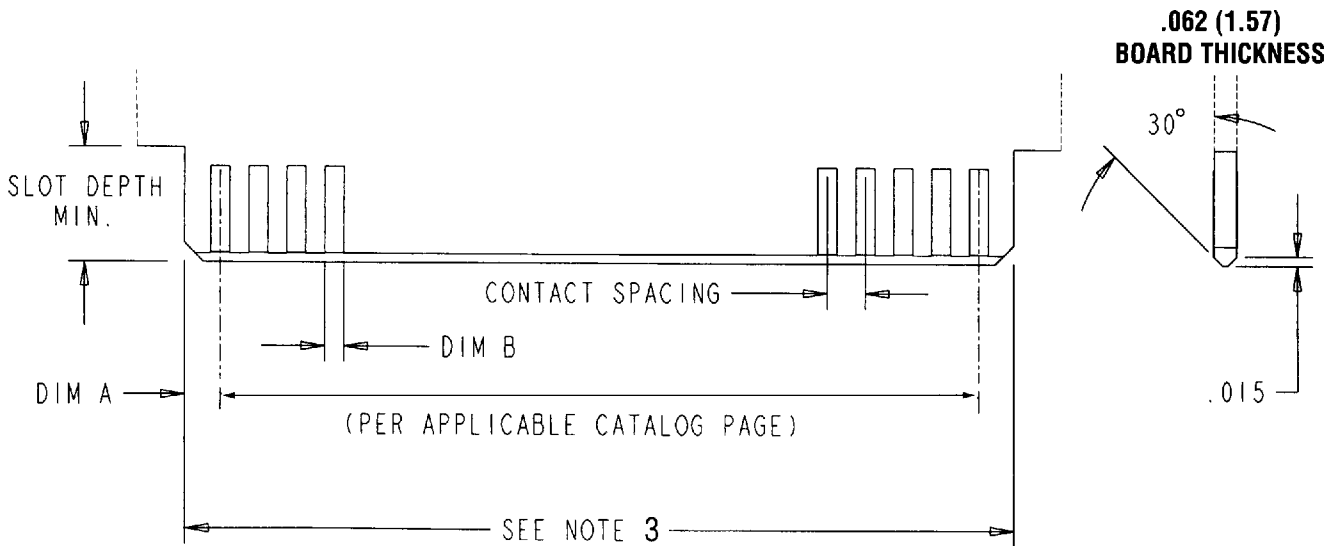
ORDERING INFORMATION -

.125" CENTER-TO-CENTER / .250" 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")										
06	C7D06DS29A1	C7D06DS29B1	C7D06DS29C1	C7D06DS29D1	C7D06DS29E1	1.555	1.295	1.035	0.875	0.625
10	C7D10DS29A1	C7D10DS29B1	C7D10DS29C1	C7D10DS29D1	C7D10DS29E1	2.055	1.795	1.535	1.375	1.125
15	C7D15DS29A1	C7D15DS29B1	C7D15DS29C1	C7D15DS29D1	C7D15DS29E1	2.680	2.420	2.160	2.000	1.750
18	C7D18DS29A1	C7D18DS29B1	C7D18DS29C1	C7D18DS29D1	C7D18DS29E1	3.055	2.795	2.535	2.375	2.125
22	C7D22DS29A1	C7D22DS29B1	C7D22DS29C1	C7D22DS29D1	C7D22DS29E1	3.555	3.295	3.035	2.875	2.625
25	C7D25DS29A1	C7D25DS29B1	C7D25DS29C1	C7D25DS29D1	C7D25DS29E1	3.930	3.670	3.410	3.250	3.000
28	C7D28DS29A1	C7D28DS29B1	C7D28DS29C1	C7D28DS29D1	C7D28DS29E1	4.305	4.045	3.785	3.625	3.375
30	C7D30DS29A1	C7D30DS29B1	C7D30DS29C1	C7D30DS29D1	C7D30DS29E1	4.555	4.295	4.035	3.875	3.625
31	C7D31DS29A1	C7D31DS29B1	C7D31DS29C1	C7D31DS29D1	C7D31DS29E1	4.680	4.420	4.160	4.000	3.750
35	C7D35DS29A1	C7D35DS29B1	C7D35DS29C1	C7D35DS29D1	C7D35DS29E1	5.180	4.920	4.660	4.500	4.250
36	C7D36DS29A1	C7D36DS29B1	C7D36DS29C1	C7D36DS29D1	C7D36DS29E1	5.305	5.045	4.785	4.625	4.375
40	C7D40DS29A1	C7D40DS29B1	C7D40DS29C1	C7D40DS29D1	C7D40DS29E1	5.805	5.545	5.285	5.125	4.875
43	C7D43DS29A1	C7D43DS29B1	C7D43DS29C1	C7D43DS29D1	C7D43DS29E1	6.180	5.920	5.660	5.500	5.250
50	C7D50DS29A1	C7D50DS29B1	C7D50DS29C1	C7D50DS29D1	C7D50DS29E1	7.055	6.795	6.535	6.375	6.125
TAIL LENGTH .160 (DIM. "J")										
06	C7D06DS29A3	C7D06DS29B3	C7D06DS29C3	C7D06DS29D3	C7D06DS29E3	1.555	1.295	1.035	0.875	0.625
10	C7D10DS29A3	C7D10DS29B3	C7D10DS29C3	C7D10DS29D3	C7D10DS29E3	2.055	1.795	1.535	1.375	1.125
15	C7D15DS29A3	C7D15DS29B3	C7D15DS29C3	C7D15DS29D3	C7D15DS29E3	2.680	2.420	2.160	2.000	1.750
18	C7D18DS29A3	C7D18DS29B3	C7D18DS29C3	C7D18DS29D3	C7D18DS29E3	3.055	2.795	2.535	2.375	2.125
22	C7D22DS29A3	C7D22DS29B3	C7D22DS29C3	C7D22DS29D3	C7D22DS29E3	3.555	3.295	3.035	2.875	2.625
25	C7D25DS29A3	C7D25DS29B3	C7D25DS29C3	C7D25DS29D3	C7D25DS29E3	3.930	3.670	3.410	3.250	3.000
28	C7D28DS29A3	C7D28DS29B3	C7D28DS29C3	C7D28DS29D3	C7D28DS29E3	4.305	4.045	3.785	3.625	3.375
30	C7D30DS29A3	C7D30DS29B3	C7D30DS29C3	C7D30DS29D3	C7D30DS29E3	4.555	4.295	4.035	3.875	3.625
31	C7D31DS29A3	C7D31DS29B3	C7D31DS29C3	C7D31DS29D3	C7D31DS29E3	4.680	4.420	4.160	4.000	3.750
35	C7D35DS29A3	C7D35DS29B3	C7D35DS29C3	C7D35DS29D3	C7D35DS29E3	5.180	4.920	4.660	4.500	4.250
36	C7D36DS29A3	C7D36DS29B3	C7D36DS29C3	C7D36DS29D3	C7D36DS29E3	5.305	5.045	4.785	4.625	4.375
40	C7D40DS29A3	C7D40DS29B3	C7D40DS29C3	C7D40DS29D3	C7D40DS29E3	5.805	5.545	5.285	5.125	4.875
43	C7D43DS29A3	C7D43DS29B3	C7D43DS29C3	C7D43DS29D3	C7D43DS29E3	6.180	5.920	5.660	5.500	5.250
50	C7D50DS29A3	C7D50DS29B3	C7D50DS29C3	C7D50DS29D3	C7D50DS29E3	7.055	6.795	6.535	6.375	6.125
TAIL LENGTH .220 (DIM. "J")										
06	C7D06DS29A4	C7D06DS29B4	C7D06DS29C4	C7D06DS29D4	C7D06DS29E4	1.555	1.295	1.035	0.875	0.625
10	C7D10DS29A4	C7D10DS29B4	C7D10DS29C4	C7D10DS29D4	C7D10DS29E4	2.055	1.795	1.535	1.375	1.125
15	C7D15DS29A4	C7D15DS29B4	C7D15DS29C4	C7D15DS29D4	C7D15DS29E4	2.680	2.420	2.160	2.000	1.750
18	C7D18DS29A4	C7D18DS29B4	C7D18DS29C4	C7D18DS29D4	C7D18DS29E4	3.055	2.795	2.535	2.375	2.125
22	C7D22DS29A4	C7D22DS29B4	C7D22DS29C4	C7D22DS29D4	C7D22DS29E4	3.555	3.295	3.035	2.875	2.625
25	C7D25DS29A4	C7D25DS29B4	C7D25DS29C4	C7D25DS29D4	C7D25DS29E4	3.930	3.670	3.410	3.250	3.000
28	C7D28DS29A4	C7D28DS29B4	C7D28DS29C4	C7D28DS29D4	C7D28DS29E4	4.305	4.045	3.785	3.625	3.375
30	C7D30DS29A4	C7D30DS29B4	C7D30DS29C4	C7D30DS29D4	C7D30DS29E4	4.555	4.295	4.035	3.875	3.625
31	C7D31DS29A4	C7D31DS29B4	C7D31DS29C4	C7D31DS29D4	C7D31DS29E4	4.680	4.420	4.160	4.000	3.750
35	C7D35DS29A4	C7D35DS29B4	C7D35DS29C4	C7D35DS29D4	C7D35DS29E4	5.180	4.920	4.660	4.500	4.250
36	C7D36DS29A4	C7D36DS29B4	C7D36DS29C4	C7D36DS29D4	C7D36DS29E4	5.305	5.045	4.785	4.625	4.375
40	C7D40DS29A4	C7D40DS29B4	C7D40DS29C4	C7D40DS29D4	C7D40DS29E4	5.805	5.545	5.285	5.125	4.875
43	C7D43DS29A4	C7D43DS29B4	C7D43DS29C4	C7D43DS29D4	C7D43DS29E4	6.180	5.920	5.660	5.500	5.250
50	C7D50DS29A4	C7D50DS29B4	C7D50DS29C4	C7D50DS29D4	C7D50DS29E4	7.055	6.795	6.535	6.375	6.125

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.