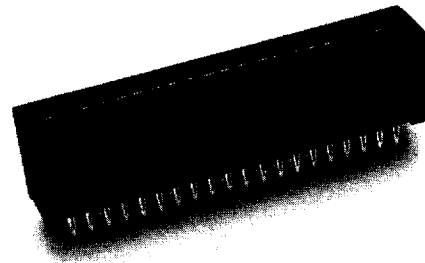


**.100" CENTER-TO-CENTER
.100" ROW-TO-ROW
WITH STANDOFFS**



PHYSICAL PROPERTIES

INSULATION RESISTANCE: 5000 megohms minimum
CONTACT RETENTION INTO PCB: 5lbs. min.
INSERTION FORCE: 10 oz. max. measured with a .0700 ± .0001 THK polished blade per MIL-C-21097C
WITHDRAWAL FORCE: 1 oz. min. measured with a .0540 ± .0001 THK polished test blade per MIL-C-21097C after sizing 3 times with a .0700 ± .0001 THK blade
INSULATOR BODY: High Temp. Glass filled thermoplastic, UL rating 94V-0
COLOR: Black
SPRING CONTACT: Phosphor Bronze alloy
CONTACT PLATING: 50 microinches nickel underplate with 30 microinches gold in the mating area, tin/lead on tails, 100 microinches minimum

ELECTRICAL PROPERTIES

OPERATING 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

APPLICATION TOOLING

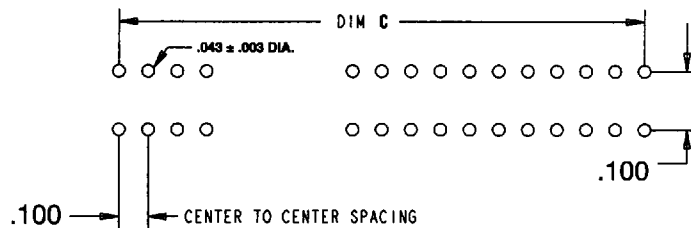
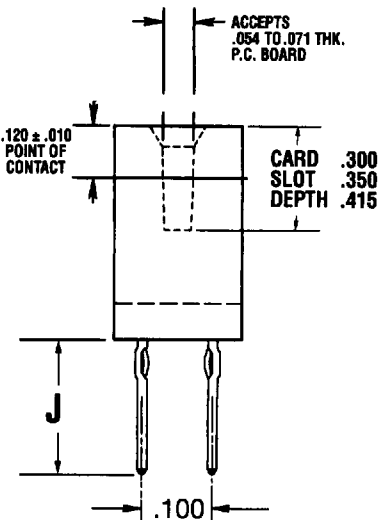
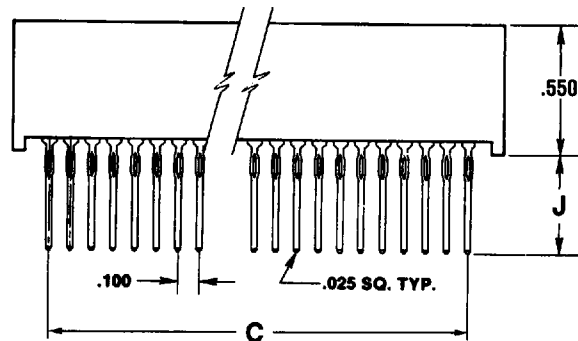
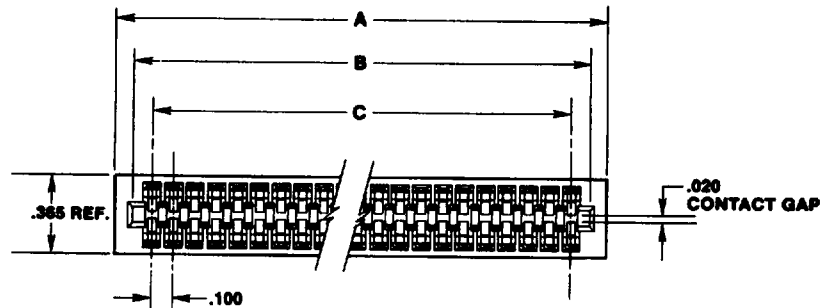
INSERTION TOOL: Cat. # 98236, see page 420

ACCESSORIES

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

DAUGHTER CARD

See page 373 for layout



NOTE: When using .625 tail lengths, the opposite side of the PCB can be used as a header for Female Sockets Transition Connectors. (See IDC pages 6-12)
 Open ends and open/closed ends are available. (Consult factory).

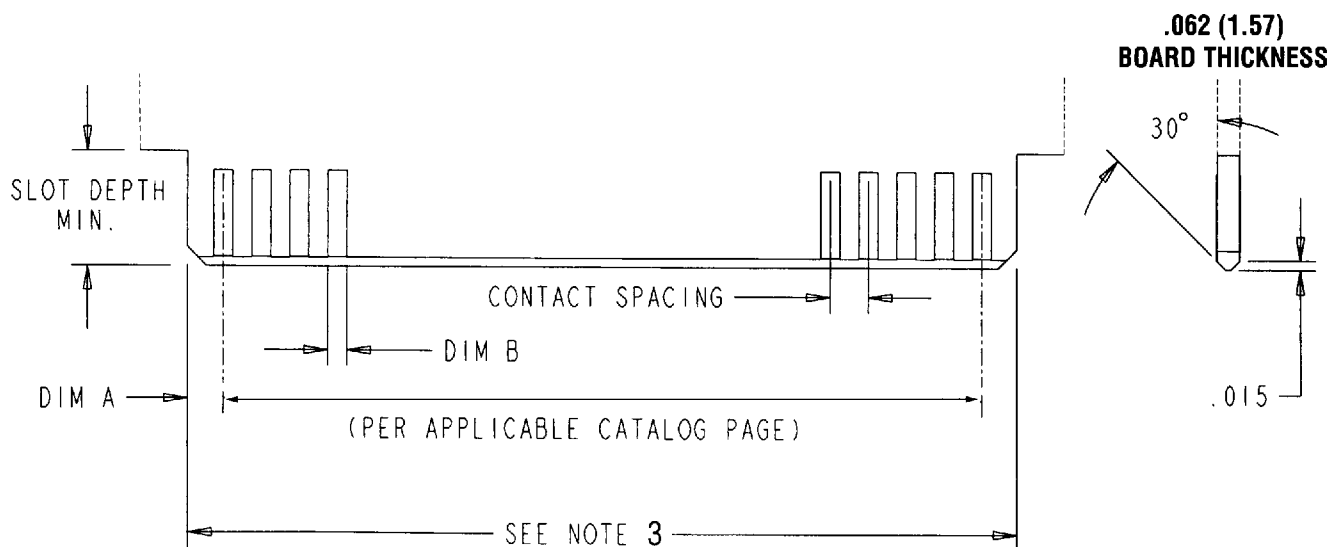
ORDERING INFORMATION -

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

# OF DUAL READOUT POS.	CATALOG NUMBER			DIMENSIONS		
	.300 CARD SLOT DEPTH	.350 CARD SLOT DEPTH	.415 CARD SLOT DEPTH	A	B	C
TAIL LENGTH .180 (DIM. "J")						
18	C1D18PF29013	C1D18PF29133	C1D18PF29043	2.034	1.904	1.700
20	C1D20PF29013	C1D20PF29133	C1D20PF29043	2.234	2.104	1.900
22	C1D22PF29013	C1D22PF29133	C1D22PF29043	2.434	2.304	2.100
25	C1D25PF29013	C1D25PF29133	C1D25PF29043	2.734	2.604	2.400
28	C1D28PF29013	C1D28PF29133	C1D28PF29043	3.034	2.904	2.700
30	C1D30PF29013	C1D30PF29133	C1D30PF29043	3.234	3.104	2.900
35	C1D35PF29013	C1D35PF29133	C1D35PF29043	3.734	3.604	3.400
36	C1D36PF29013	C1D36PF29133	C1D36PF29043	3.834	3.704	3.500
40	C1D40PF29013	C1D40PF29133	C1D40PF29043	4.234	4.104	3.900
43	C1D43PF29013	C1D43PF29133	C1D43PF29043	4.534	4.404	4.200
45	C1D45PF29013	C1D45PF29133	C1D45PF29043	4.734	4.604	4.400
50	C1D50PF29013	C1D50PF29133	C1D50PF29043	5.234	5.104	4.900
60	C1D60PF29013	C1D60PF29133	C1D60PF29043	6.234	6.104	5.900
TAIL LENGTH .475 (DIM. "J")						
18	C1D18PF29015	C1D18PF29135	C1D18PF29045	2.034	1.904	1.700
20	C1D20PF29015	C1D20PF29135	C1D20PF29045	2.234	2.104	1.900
22	C1D22PF29015	C1D22PF29135	C1D22PF29045	2.434	2.304	2.100
25	C1D25PF29015	C1D25PF29135	C1D25PF29045	2.734	2.604	2.400
28	C1D28PF29015	C1D28PF29135	C1D28PF29045	3.034	2.904	2.700
30	C1D30PF29015	C1D30PF29135	C1D30PF29045	3.234	3.104	2.900
35	C1D35PF29015	C1D35PF29135	C1D35PF29045	3.734	3.604	3.400
36	C1D36PF29015	C1D36PF29135	C1D36PF29045	3.834	3.704	3.500
40	C1D40PF29015	C1D40PF29135	C1D40PF29045	4.234	4.104	3.900
43	C1D43PF29015	C1D43PF29135	C1D43PF29045	4.534	4.404	4.200
45	C1D45PF29015	C1D45PF29135	C1D45PF29045	4.734	4.604	4.400
50	C1D50PF29015	C1D50PF29135	C1D50PF29045	5.234	5.104	4.900
60	C1D60PF29015	C1D60PF29135	C1D60PF29045	6.234	6.104	5.900
TAIL LENGTH .625 (DIM. "J")						
18	C1D18PF29017	C1D18PF29137	C1D18PF29047	2.034	1.904	1.700
20	C1D20PF29017	C1D20PF29137	C1D20PF29047	2.234	2.104	1.900
22	C1D22PF29017	C1D22PF29137	C1D22PF29047	2.434	2.304	2.100
25	C1D25PF29017	C1D25PF29137	C1D25PF29047	2.734	2.604	2.400
28	C1D28PF29017	C1D28PF29137	C1D28PF29047	3.034	2.904	2.700
30	C1D30PF29017	C1D30PF29137	C1D30PF29047	3.234	3.104	2.900
35	C1D35PF29017	C1D35PF29137	C1D35PF29047	3.734	3.604	3.400
36	C1D36PF29017	C1D36PF29137	C1D36PF29047	3.834	3.704	3.500
40	C1D40PF29017	C1D40PF29137	C1D40PF29047	4.234	4.104	3.900
43	C1D43PF29017	C1D43PF29137	C1D43PF29047	4.534	4.404	4.200
45	C1D45PF29017	C1D45PF29137	C1D45PF29047	4.734	4.604	4.400
50	C1D50PF29017	C1D50PF29137	C1D50PF29047	5.234	5.104	4.900
60	C1D60PF29017	C1D60PF29137	C1D60PF29047	6.234	6.104	5.900

CARDEGE 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.