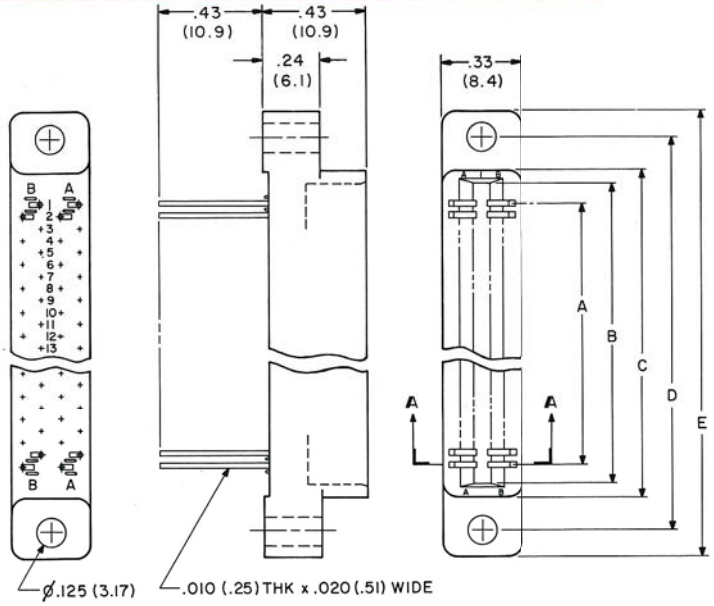
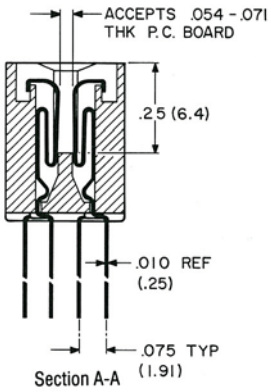
600-6

CARDEDGE CONNECTORS
DUAL READOUT, BELLOW FORM CONTACTS

.050″ (1.27 MM) CONTACT SPACING
✻FOR 1/16(1.6) PRINTED CIRCUIT BOARD
20,28,44,80,100,110,128,132 CONTACTS
✻-Available for 1/32(.79) Board





NO. OF DUAL CONTACTS	DIMENSIONS				
	A	B	C	D	E
10/10	.450 (11.43)	.625 (15.88)	.72 (18.3)	1.000 (25.40)	1.22 (31.0)
14/14	.650 (16.51)	.825 (20.96)	.92 (23.4)	1.200 (30.48)	1.42 (36.1)
22/22	1.050 (26.67)	1.225 (31.11)	1.32 (33.5)	1.600 (40.64)	1.82 (46.2)
40/40	1.950 (49.53)	2.125 (53.98)	2.22 (56.4)	2.500 (63.50)	2.72 (69.1)
50/50	2.450 (62.23)	2.625 (66.68)	2.72 (69.1)	3.000 (76.20)	3.22 (81.8)
55/55	2.700 (68.58)	2.875 (73.03)	2.97 (75.4)	3.250 (82.55)	3.47 (88.1)
64/64	3.150 (80.01)	3.325 (84.46)	3.42 (86.9)	3.700 (93.98)	3.92 (99.6)
66/66	3.250 (82.55)	3.425 (87.00)	3.52 (89.4)	3.800 (96.52)	4.02 (102.1)

PERFORMANCE CHARACTERISTICS

Voltages, breakdown (volts rms, 60Hz):
At sea level: 1,350.
At 70,000 feet: 450.
Voltages, test (volts rms, 60Hz):
At sea level: 900.
At 70,000 feet: 300.
Current rating: 3 amperes max. per contact.
Contact resistance (at 1 ampere): 30 MV max.
Minimum creepage between contacts: .025″(.64mm).
Minimum air space between contacts: .025″(.64mm).
Board insertion force, opposing contacts:
8 oz. max. using 0.070″(1.78mm) steel blade.
Board separation force, opposing contacts:
.5 oz. min. using 0.054″(1.37mm) steel blade.
Terminations: For soldering, welding, or conductive adhesives.

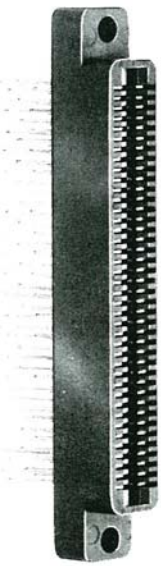
MATERIAL AND FINISHES

Molded inserts (standard): Diallyl phthalate, per MIL-M-14, type SDG. Optional material: Flame retardant diallyl phthalate, per MIL-M-14, type SDG-F (ordering code: DGF).
Contacts: Beryllium copper, per QQ-C-533.
Contact finishes: Gold plate, per MIL-G-45204. Thicknesses:
0.000015″(0.4 micron)
30 - 0.000030″(0.8 microns)
50 - 0.000050″(1.3 microns) - Class 1. (MIL-SPEC approved)
Other finishes on request.

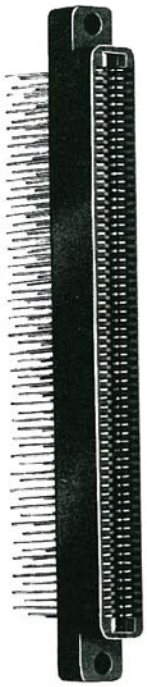
PART NUMBER NOMENCLATURE

1		2	3		4
600-6PC	-	40	DGF	-	

1. Series: **600-6PC.**
2. Number of dual contacts:
10, 14, 22, 40, 50, 55, 64, 66
3. Alternate body material: **DGF.**
(Standard material is otherwise supplied)
4. Optional gold thickness: **30, 50.**
(0.000015″, 0.4 micron, is otherwise supplied).



600-6PC40
40 Dual Contacts
80 Terminals

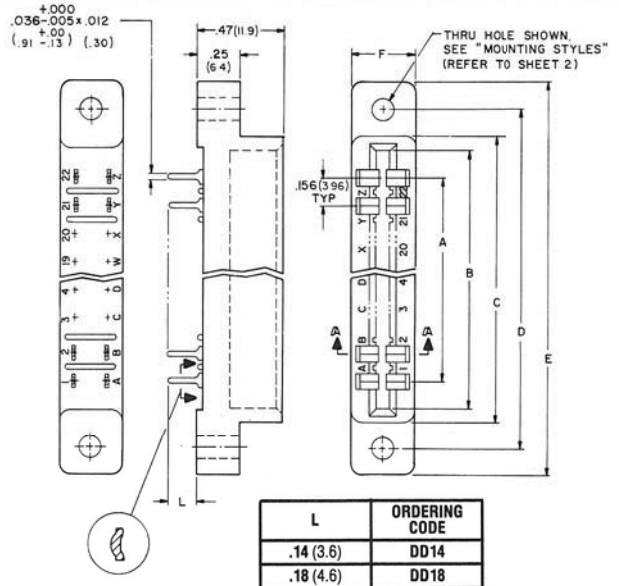


600-6PC64
64 Dual Contacts
128 Terminals

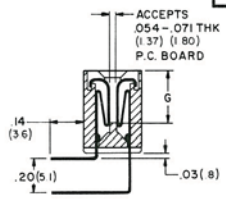
6156-200

CARDEDGE CONNECTORS
DUAL READOUT, BELLOWFORM CONTACTS

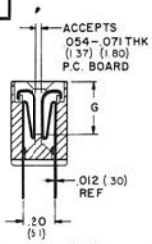
.156″ (3.96 MM) CONTACT SPACING
FOR 1/16(1.6) PRINTED CIRCUIT BOARD
12 THRU 100 CONTACTS (See Table)



L	ORDERING CODE
.14 (3.6)	DD14
.18 (4.6)	DD18
.25 (6.4)	DD25
.31 (7.9)	DD31



Section A-A
90° Terminals

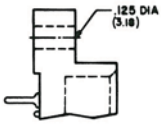


Section A-A
Straight-Thru Terminals

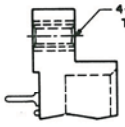
Series 6156-200 is described more comprehensively in our "6156-200" brochure

NO. OF CONTACTS	BASIC CONNECTOR PART NO.	DIMENSIONS						
		A	B	C	D	E	F	G
6/6	6156-200-12	.780 (19.81)	1.100 (27.94)	1.23 (31.2)	1.532 (38.91)	1.84 (46.7)	.35 (8.9)	.333 (8.46)
8/8	6156-200-16	1.092 (27.74)	1.411 (35.84)	1.55 (39.4)	1.844 (46.84)	2.10 (53.3)	.35 (8.9)	.333 (8.46)
10/10	6156-200-20	1.404 (35.66)	1.724 (43.79)	1.86 (47.2)	2.156 (54.76)	2.47 (62.7)	.35 (8.9)	.333 (8.46)
12/12	6156-200-24	1.716 (43.59)	2.036 (51.71)	2.17 (55.1)	2.468 (62.69)	2.78 (70.6)	.35 (8.9)	.333 (8.46)
15/15	6156-200-30	2.184 (55.47)	2.504 (63.60)	2.64 (67.1)	2.938 (74.63)	3.25 (82.6)	.35 (8.9)	.333 (8.46)
18/18	6156-200-36	2.652 (67.36)	2.972 (75.49)	3.11 (79.0)	3.406 (86.51)	3.70 (94.0)	.35 (8.9)	.333 (8.46)
22/22	6156-200-44	3.276 (83.21)	3.596 (91.34)	3.74 (95.0)	4.032 (102.41)	4.34 (110.2)	.35 (8.9)	.333 (8.46)
24/24	6156-200-48	3.588 (91.14)	3.910 (99.31)	4.05 (102.9)	4.343 (110.31)	4.60 (116.8)	.35 (8.9)	.333 (8.46)
25/25	6156-200-50	3.744 (95.10)	4.067 (103.30)	4.21 (106.9)	4.500 (114.30)	4.75 (120.7)	.34 (8.6)	.333 (8.46)
28/28	6156-200-56	4.212 (106.98)	4.562 (115.87)	4.70 (119.4)	5.000 (127.00)	5.30 (134.6)	.35 (8.9)	.300 (7.62)
30/30	6156-200-60	4.524 (114.91)	4.844 (123.04)	4.98 (126.5)	5.280 (134.11)	5.92 (150.4)	.44 (11.2)	.333 (8.46)
30/30	T6156-200-60	4.524 (114.91)	4.844 (123.04)	4.98 (126.5)	5.280 (134.11)	5.92 (150.4)	.44 (11.2)	.300 (7.62)
36/36	6156-200-72	5.460 (138.68)	5.778 (146.76)	5.90 (149.9)	6.218 (157.94)	6.53 (165.9)	.50 (12.7)	.333 (8.46)
36/36	H6156-200-72	5.460 (138.68)	5.778 (146.76)	5.90 (149.9)	6.218 (157.94)	6.53 (165.9)	.44 (11.2)	.333 (8.46)
43/43	6156-200-86	6.552 (166.42)	6.872 (174.55)	7.00 (177.8)	7.302 (185.47)	7.60 (193.0)	.50 (12.7)	.300 (7.62)
43/43	F6156-200-86	6.552 (166.42)	6.872 (174.55)	7.00 (177.8)	7.302 (185.47)	7.60 (193.0)	.50 (12.7)	.268 (6.81)
50/50	6156-200-100	7.644 (194.16)	7.964 (202.29)	8.10 (205.7)	8.400 (213.36)	8.70 (221.0)	.44 (11.2)	.333 (8.46)

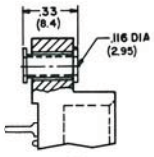
MOUNTING STYLES



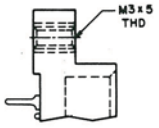
A
Thru-Hole



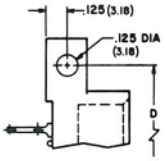
B
Threaded Insert



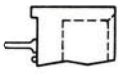
C
Floating Bushing



M3
Metric Thread

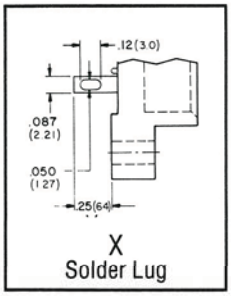


A9
90° Thru-Hole



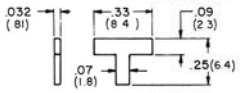
Without "Ears"

ALTERNATE TERMINAL

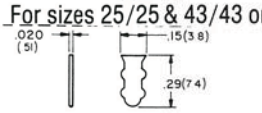


X
Solder Lug

POLARIZING KEYS



602-18
For sizes 25/25 & 43/43 only



602-41
For all sizes except 25/25 & 43/43

MATERIALS AND FINISHES

Molded inserts: Phenolic molding compound, per MIL-M-14, type MFH. Optional material: Diallyl phthalate, per MIL-M-14, type GDI-30F.
Contacts: Phosphor bronze, per QQ-B-750.
Contact finishes: Gold plate, per MIL-G-45204. Thicknesses:
0.000015″(0.4 micron).
30 - 0.000030″(0.8 microns) - Class 0.
50 - 0.000050″(1.3 microns) - Class 1. (MIL-SPEC approved)
Other finishes on request.

PERFORMANCE CHARACTERISTICS

Voltages, breakdown (volts rms, 60Hz):
At sea level: 2,300; At 70,000 feet: 550.
Voltages, test (volts rms, 60Hz):
At sea level: 1,700; At 70,000 feet: 400.
Current rating: 5 amperes max. per contact.

PART NUMBER NOMENCLATURE

1	2	3	4	5		6
6156-200-44	DD18	A			-	

1. Basic connector part number: Refer to tabulation.
2. Termination: **DD14, DD18, DD25, DD31, X.**
3. Mounting style: **A, B, C, M3, A9.**
(Without "ears" is otherwise supplied)
4. Optional diallyl phthalate molding: **GDF.**
(Phenolic is otherwise supplied).
5. Optional gold thickness: **30, 50.**
(0.000015″, 0.4 micron, is otherwise supplied).