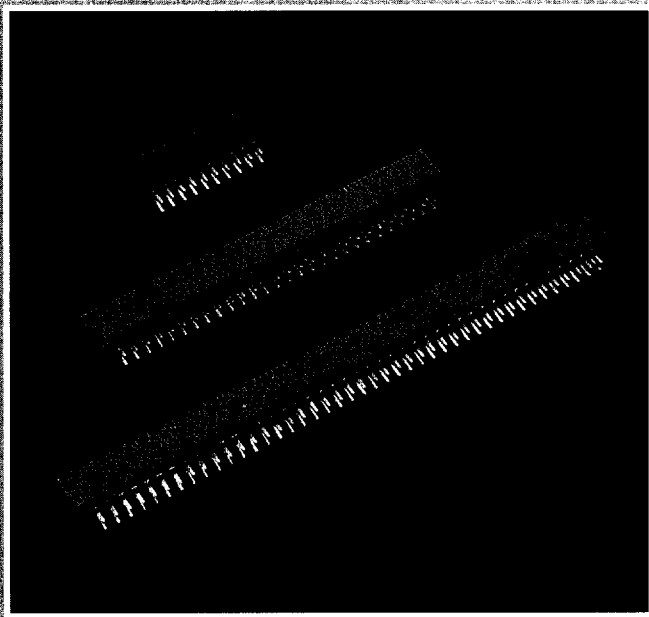


303 SERIES CARD EDGE CONNECTOR

.156" (3.96mm) Contact Spacing



FEATURES

- UL Recognized
- .156 (3.96) Contact Spacing x .140 (3.56) Row Spacing
- Accepts .062 (1.57) Nominal Thickness P.C. Board
- Low Profile Insulator Body, .470 (11.94)
- Contact Termination P.C. Tail
- Variety of Mounting Options
- Accepts Between Contact and In-Contact Polarizing Keys

SPECIFICATIONS

- ◆ Insulator Material: Thermoplastic Polyester, UL 94V-O, Colour: Green
- ◆ Contact Material: Copper, Nickel, Tin Alloy CA-725
- ◆ Contact Plating: Gold Alloy (W.E.#1) Inlay over Nickel on the Mating Area
- ◆ Current Rating: 5 Amperes Continuous
- ◆ Contact Resistance: 10 Milliohms Maximum
- ◆ Dielectric Withstanding Voltage: 1800 V AC rms at Sea Level Between Adjacent Contacts
- ◆ Insulation Resistance: 5000 Megohms Minimum
- ◆ Operating Temperature: -65 to +125 Degrees C
- ◆ Insertion Force: 16 oz (4.45 N) Maximum per Contact Pair when Tested with a .070 (1.78) Thick Gauge
- ◆ Withdrawal Force: 1 oz (0.28 N) Minimum per Contact Pair when Tested with a .054 (1.37) Thick Gauge

303 SERIES ORDERING CODE

Example Part Number **303 - 086 - 520 - 202**

Series _____
 Total Number of Contacts _____
 Contact Code _____
 Mounting Options _____

Series 303

Total Number of Contacts ¹
 012, 014, ..., 086

Contact Row
 Dual Row

Contact Code	Description & Tail Size	Tail Length "G"
520	P.C. Tail .046 x .010 (1.17 x 0.25)	.219 (5.56)

Mounting Options ²

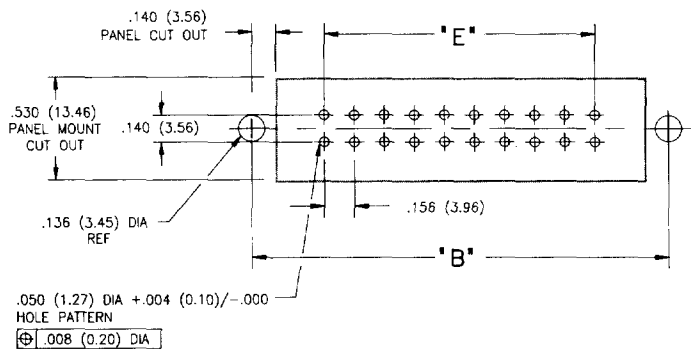
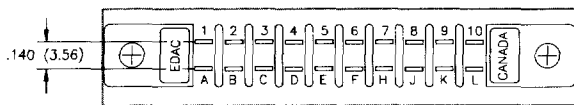
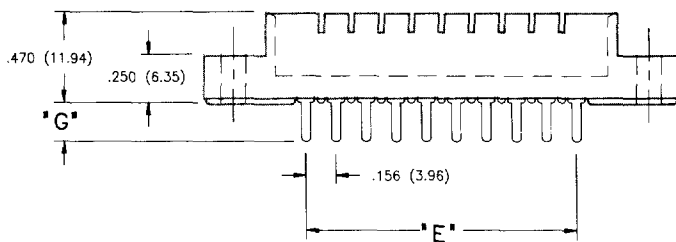
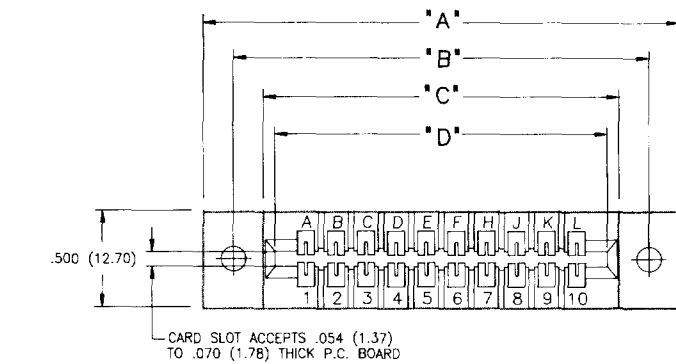
Mounting Options	Description
201	No Mounting Lug
202	.128 (3.25) Dia. Mounting Hole
203	.116 (2.95) I.D. Floating Eyelet
204	.156 (3.96) Dia. Mounting Hole
207	M3-0.5 Metric Threaded Insert
208	#4-40 Unified Threaded Insert

Ordering Code Notes

- 1) All connector sizes up to 86 contacts dual row are available upon request.
- 2) For details of the mounting options, refer to page 76.

CARD EDGE CONNECTOR

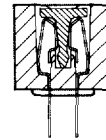
Corporation



CONNECTOR MOUNTING PATTERN

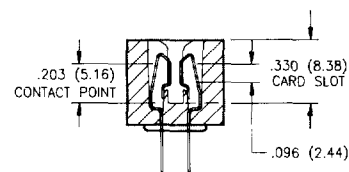
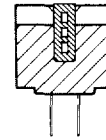
IN-CONTACT
POLARIZING KEY

P/N 307-240-328

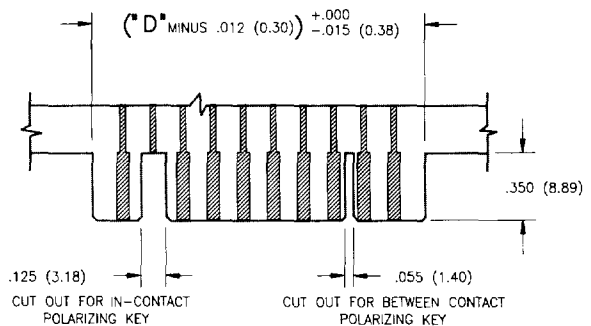


BETWEEN CONTACT
POLARIZING KEY

P/N 306-240-318



SECTION THROUGH
CONTACT POSITION



RECOMMENDED DAUGHTER BOARD

NUMBER OF CONTACTS	"A"		"B"		"C"		"D"		"E"	
	Dual	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)	Inch (mm)
12		1.842 (46.79)	1.532 (38.91)		1.220 (30.99)		1.100 (27.94)		.780 (19.81)	
20		2.466 (62.64)	2.156 (54.76)		1.844 (46.84)		1.724 (43.79)		1.404 (35.66)	
30		3.246 (82.45)	2.936 (74.57)		2.624 (66.65)		2.504 (63.60)		2.184 (55.47)	
36		3.714 (94.34)	3.404 (86.46)		3.092 (78.54)		2.972 (75.49)		2.652 (67.36)	
44		4.338 (110.19)	4.028 (102.31)		3.716 (94.39)		3.596 (91.34)		3.276 (83.21)	
48		4.650 (118.11)	4.340 (110.24)		4.028 (102.31)		3.908 (99.26)		3.588 (91.14)	
56		5.274 (133.96)	4.964 (126.09)		4.652 (118.16)		4.532 (115.11)		4.212 (106.98)	
72		6.522 (165.66)	6.212 (157.78)		5.900 (149.86)		5.780 (146.81)		5.460 (138.68)	
86		7.614 (193.40)	7.304 (185.52)		6.992 (177.60)		6.872 (174.55)		6.552 (166.42)	

Dimensions of Other Connector Sizes are Listed on Page 82