## **Edge Connector Specification**

Material Specification	Type A	Type B							
Moulding	Short glass filled D.A.P.	Diallyl Phthalate							
Contacts	Phosphor Bronze	Phosphor Bronze '0.75um/0.00003'' Au over 5um/0.0002'' Ag							
Plating	0.75um/0.00003'' Au over 2.5um/ 0.0001'' Ni								
Contact Pitch	.1"	0.2"	0.15"	0.156′′	0.1"				
Mechanical Specification									
Board insertion force. Average per contact .062"/1.58mm board	227gram/8ozs	141gram/5ozs	141 gram/5 ozs	141gram/5ozs	141gram/5ozs				
Board withdrawal force. Average per contact .062"/1.58mm board	85gram/3ozs	99gram/3.5ozs	99gram/3.5ozs	99gram/3.5ozs	99gram/3.5ozs				
Temperature range <sup>o</sup> C	–55° to +110°	-55° to +110°	-55° to +110°	-55° to +110°	-55° to +110°				
Electrical Specification									
Current rating, amps D.C. per									
contact at 25°C	5	5	5 1	5	3				
at 100°C	1	1	1	1	1				
Working voltage D.C. or A.C. peak at sea level	700	700	720	720	750				
Proof voltage D.C. or A.C. peak at sea level	1,600	2,100	1,800	1,800	1,350				
Contact resistance milliohms maximum	10	10	10	10	10				
Polarising Key Part No. Metal 22	22E Diamia 2292	2220	2220	2221	2222				

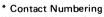
Connector Type A

Connector Type B

## **Edge Connector Type A**

A selection of closed end connectors, type B and modular connectors type A, are available with a variety of different contact pitches and number of contacts. These connectors are of well proven design and offer high reliability.

Part No.	No. of Contacts	Contact Style	Α	В	С	D	E	End Brackets
13623/1 13565/1 13570/1	40 40 + 40 40 + 40	2 2 1	3.90	4.038	4.388	0.069	_	Α
10859/1 13597/1 13601/1	24 24 24 + 24	2 1 1	2.40	2.788	3.188	0.194	0.60	В
10859/2 13597/2 13601/2	42 42 42 + 42	2 1 1	4.20	4.538	4.888	0.169	0.60	В
10859/3 13597/3 13601/3	59 59 59 + 59	2 1 1	5.90	6.228	6.688	0.194	0.60	В
10859/4 13597/4 13601/4	77 77 77 + 77	2 1 1	7.70	8.038	8.388	0.169	0.60	В



When looking at the back of the connector with side A on the left the contacts are numbered from bottom to top. Contacts are fitted to side B on all single sided connectors.

