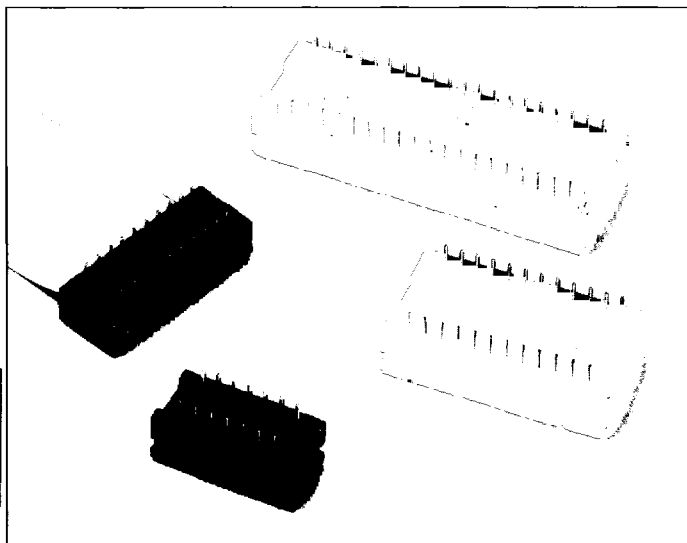
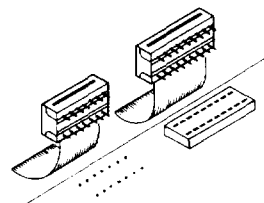


B28 LAT-CON™ .050" Flat Cable Connectors

PCB DIP IDC Connectors



Our Low Profile Dip Connector is designed for applications requiring greater utilization of the PCB area. These space-saving connectors mate with standard multi-position IC sockets having a foot-print of either .100 x .300", .400" or .600". However, in many applications they are directly soldered to the PCB. PANDUIT'S IDC contacts offer optimum electrical performance in addition to rapid and economical means to obtain solderless terminations. For accurate mass termination, a manually operated press applicator, part number MCP5, and die set CPD40F50IM are available from PANDUIT.



Performance Data

MATERIALS

Insulator Material: Glass Filled Polyester
Color Black
U.L. Flammability 94V-0

Contact Material: Copper Alloy

Contact Plating: Gold Flash Mating Area/Tin IDC

MECHANICAL

Recommended Flat Cable: 28 and 26 AWG Stranded
PVC Insulated .050" Flat
Cable U.L. Style 2651

ELECTRICAL

Withstanding Voltage: >500 VRMS

Current Rating: 1 Amp Typical

Contact Resistance: 15 Milliohms

Insulation Resistance: 10^{12} Ohms

Foot Print: .100" x .300", .400" and .600"

TEMPERATURE

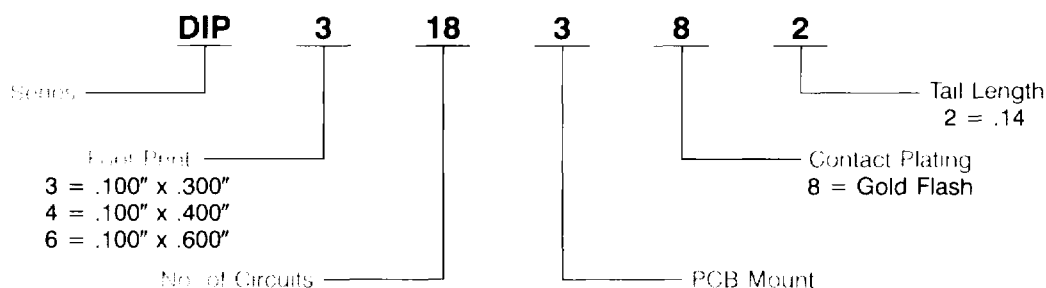
Range: -67°F to +221°F (-55°C to +105°C)

AGENCY APPROVALS

UL Recognized — File No. E73711

C.S.A. Certified — File No. 46657

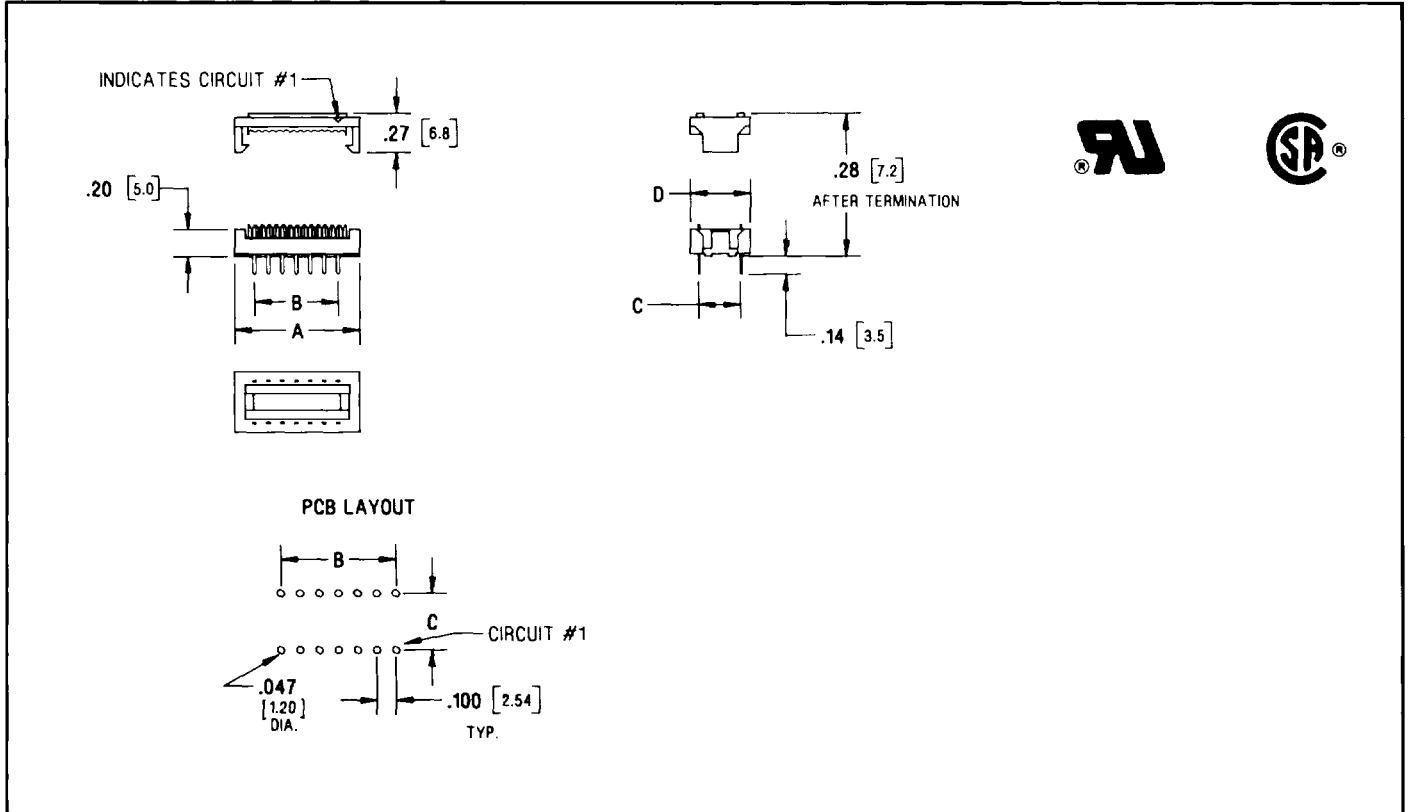
Part Number System



LAT-CON™ .050" Flat Cable Connectors B29

PCB DIP IDC Connectors .100" × .300", .400" and .600"

Dimension Drawing



All dimensions shown in inches and (millimeters)

Ordering Information

No. of Ckts.	Foot Print			Dimensions			
	.100" x .300"	.100" x .400"	.100" x .600"	A	B	C	D
14	DIP314382	—	—	.902 (22.90)	.600 (15.24)	.300 (7.62)	.430 (10.92)
16	DIP316382	—	—	1.002 (25.44)	.700 (17.76)	.300 (7.62)	.430 (10.92)
18	DIP318382	—	—	1.102 (27.99)	.800 (20.32)	.300 (7.62)	.430 (10.92)
20	—	DIP420382	—	1.202 (30.52)	.900 (22.86)	.400 (10.16)	.530 (13.46)
24	—	—	DIP624382	1.402 (35.61)	1.100 (27.94)	.600 (15.24)	.730 (18.54)
40	—	—	DIP640382	2.202 (55.93)	1.900 (48.26)	.600 (15.24)	.730 (18.54)