

ID101, ID104 & ID105 - TECHNICAL DATA

Materials

Insulator	Glass filled thermoplastic, rated UL94V-0.
Contact	Copper alloy plated hard acid gold
Termination	Tin/lead

Mechanical

Mechanical operations	100
Operating temperature	-40°C to + 105°C

Electrical

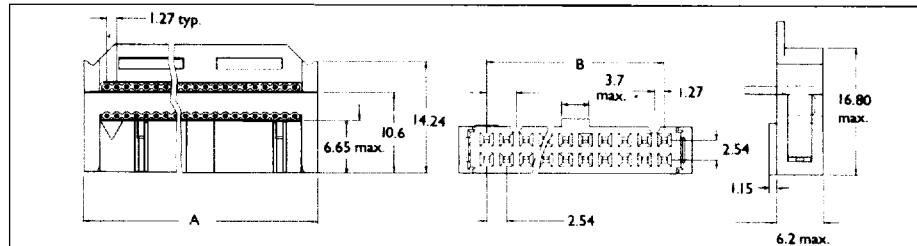
Current	at 60° C Tamb. 1A
Working Voltage	350V d.c. or a.c. peak
Contact Resistance	15mΩ max.
Insulation Resistance	1000MΩ min.

Outline Dimensions

ID101 - Sockets

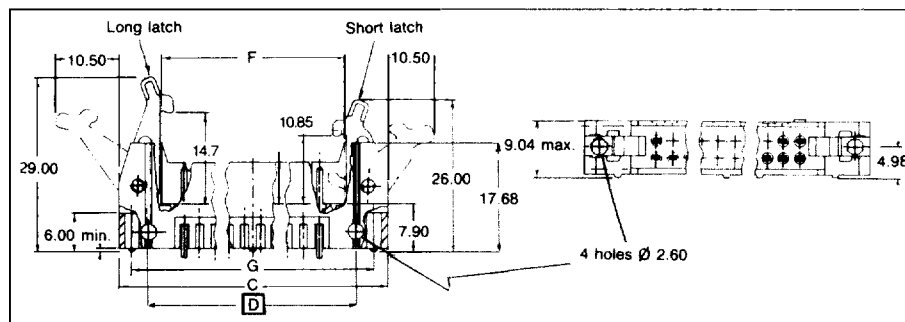
Features

- Compatible with industry standard IDC.
- Optional strain relief.
- Wire accommodation:-
Stranded 26-28 AWG or solid 26-30
AWG conductor ribbon cable.



Contact Arrangement	A (max.)	B
10	17.35	10.16
14	22.43	15.24
16	24.97	17.78
20	30.05	22.86
26	37.67	30.48
34	47.83	40.64
40	55.45	48.26
50	68.15	60.96
60	80.77	73.66
64	85.85	78.74

ID101 - Headers

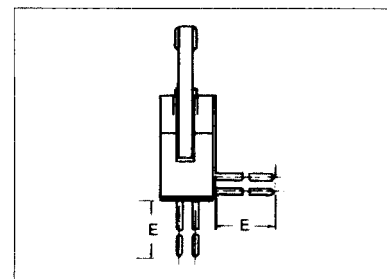


Contact Arrangement	C (max.)	D	F (min.)	G
10	32.2	21.84	17.91	27.94
14	37.4	26.92	22.99	33.02
16	40.0	29.46	25.53	35.56
20	45.0	34.54	30.61	40.64
26	52.7	42.16	38.23	48.26
34	62.8	52.32	48.39	58.42
40	70.4	59.94	56.01	66.04
50	83.1	72.64	68.71	78.74
60	95.8	85.3	81.41	91.4
64	100.9	90.4	86.49	96.5

Contact Style	p.c. termination	Wire wrapping
Straight	N	W
90°	K	
(E) length	4.0	13.0

Features

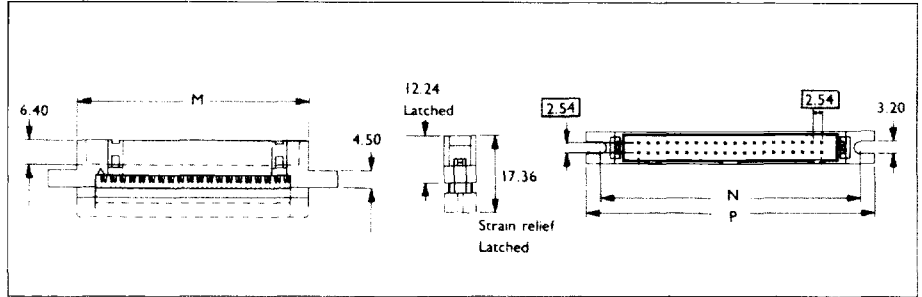
- Three contact termination styles:
straight p.c., 90° p.c. and straight wire
wrapping.
- Short or long ejector latches for use
with sockets, with or without strain
relief.
- Polarising keys type 'A' standard.



ID104 - IDC Plug

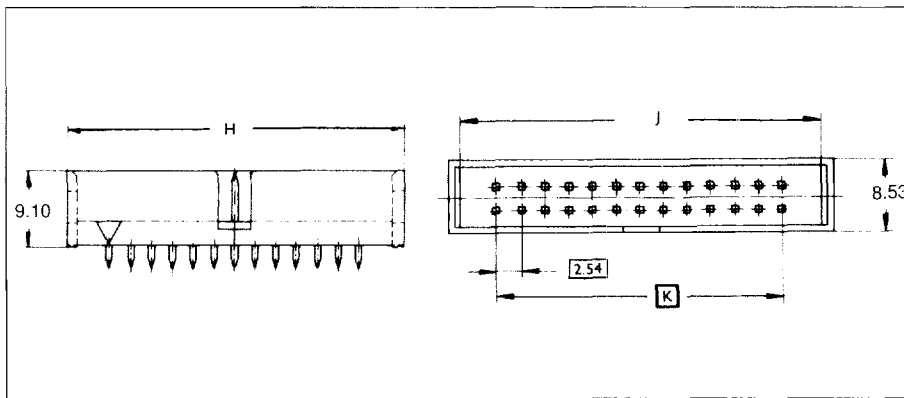
Features

- Available in sizes 10, 14, 16, 20, 26, 34, 40 & 50.
- Male Plug connector with IDC termination.
- Designed to mate with industry standard sockets - with or without centre bump polarisation.
- Optional dual height polarising keys.
- Available with or without end feet for mounting.
- Wire accommodation: 26-28 AWG solid and stranded.



Contact Arrangement	M	N	P
10	22.90	30.50	38.10
14	27.98	35.58	43.18
16	30.52	38.12	45.72
20	35.60	43.20	50.80
26	43.22	50.82	56.60
34	53.38	60.90	68.60
40	61.00	68.00	76.20
50	73.70	81.30	88.90

ID105 - Low Profile Box Header

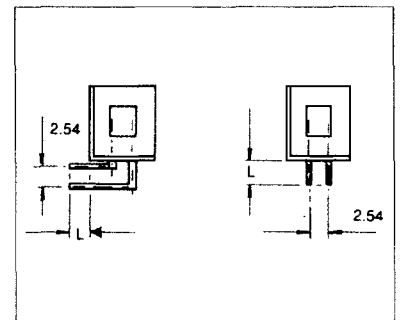


Features

- Available in sizes 10, 14, 16, 20, 26, 34, 40, 50, 60 and 64.
- Four contact termination styles: Straight p.c. & 90° p.c. (both short or long tail).
- Shrouded on all four sides for contact protection and polarisation.

Contact Arrangement	H	J	K
10	20.3	17.8	10.16
14	25.4	22.9	15.24
16	27.9	25.4	17.78
20	33.0	30.5	22.86
26	40.6	38.1	30.48
34	50.8	48.3	40.64
40	58.4	55.8	48.26
50	71.1	68.6	60.96
60	83.5	81.0	73.66
64	88.6	86.1	78.74

Contact Style	p.c. termination Short	Long
Straight	N	T
90°	K	-
(L) length	3.0	4.4



Header Mounting Details

