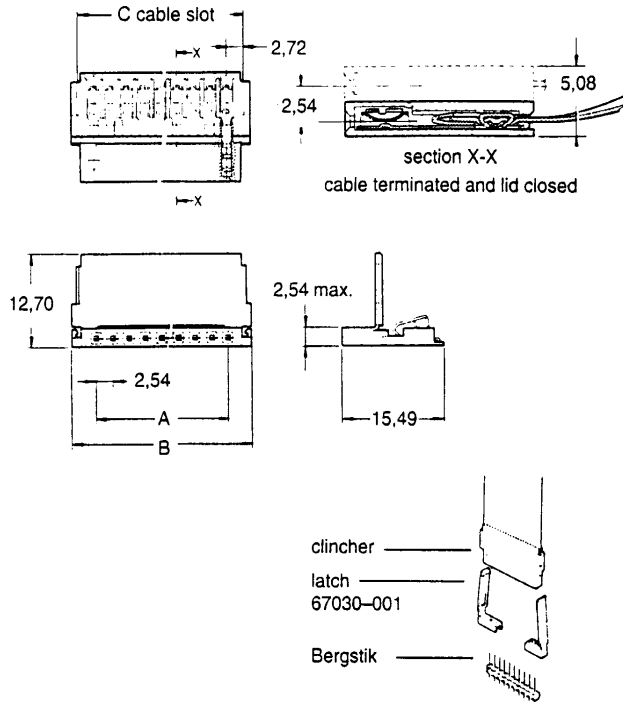


CLINCHER Connector Female

Dimensions mm



Cable specification

Specification IPC Standard, FC-220C. Cables type A or B, tolerance class IV

Thickness $0,305 \pm 0,025$ mm
incl. insulation

Insulation material Mylar, Kapton or Nomex
(Polyester/Polyamide)

Conductor thickness $0,076 \pm 0,013$ mm 305 gr/m²
 $0,127 \pm 0,013$ mm 610 gr/m²

Conductor width $1,57 \pm 0,07$ mm

Conductor pitch $2,54 \pm 0,05$ mm

Thickness for non-standard cable $0,11 - 0,35$ mm

Cable specification Data sheets TA 264, TA 371 and Application Data sheet TA 372 on request

Ordering data

Number of positions	Partnumbers				Dimensions		
	Standard version		Thin film* circuits		A	B	C
	Class I Gold plated	Tin/Lead plated	Class I Gold plated	Tin/Lead plated	mm	mm	mm
2	65801-063	65801-002	65801-163	65801-102	2,54	9,91	8,00
3	-062	-003	-162	-103	5,08	12,45	10,54
4	-033	-004	-133	-104	7,62	14,99	13,08
5	-034	-005	-134	-105	10,16	17,53	15,62
6	65801-035	65801-006	65801-135	65801-106	12,70	20,07	18,16
7	-036	-007	-136	-107	15,24	22,61	20,70
8	-037	-008	-137	-108	17,78	25,15	23,24
9	-038	-009	-138	-109	20,32	27,69	25,78
10	65801-039	65801-010	65801-139	65801-110	22,86	30,23	28,32
11	-040	-011	-140	-111	25,40	32,77	30,86
12	-041	-012	-141	-112	27,94	35,31	33,40
13	-042	-013	-142	-113	30,48	37,85	35,94
14	65801-043	65801-014	65801-143	65801-114	33,02	40,39	38,48
15	-044	-015	-144	-115	35,56	42,93	41,02
16	-045	-016	-145	-116	38,10	45,47	43,56
17	-046	-017	-146	-117	40,64	48,01	46,10
18	65801-047	65801-018	65801-147	65801-118	43,18	50,55	48,64
19	-048	-019	-148	-119	45,72	53,09	51,18
20	-049	-020	-149	-120	48,26	55,63	53,72
21	-050	-021	-150	-121	50,80	58,17	56,26
22	65801-051	65801-022	65801-151	65801-122	53,34	60,71	58,80
23	-052	-023	-152	-123	55,88	63,25	61,34
24	-053	-024	-153	-124	58,42	65,79	63,88
25	-054	-025	-154	-125	60,96	68,33	66,42
26	65801-055	65801-026	65801-155	65801-126	63,50	70,87	68,96
27	-056	-027	-156	-127	66,04	73,41	71,50
28	-057	-028	-157	-128	68,58	75,95	74,04
29	-058	-029	-158	-129	71,12	78,49	76,58
30	65801-059	65801-030	65801-159	65801-130	73,66	81,03	79,12
31	-060	-031	-160	-131	76,20	83,57	81,66
32	-061	-032	-161	-132	78,74	86,11	84,20
34	-066	-064	-166	-164	83,82	91,19	89,28

Notes

* Thickness 0,15 mm max.

1. Optional polarization plug 65762-001.

2. For performance level specification see page Performance Classification.



Products are recognized under the Component Program of Underwriters Laboratories Inc. and certified by the Canadian Standards Association.

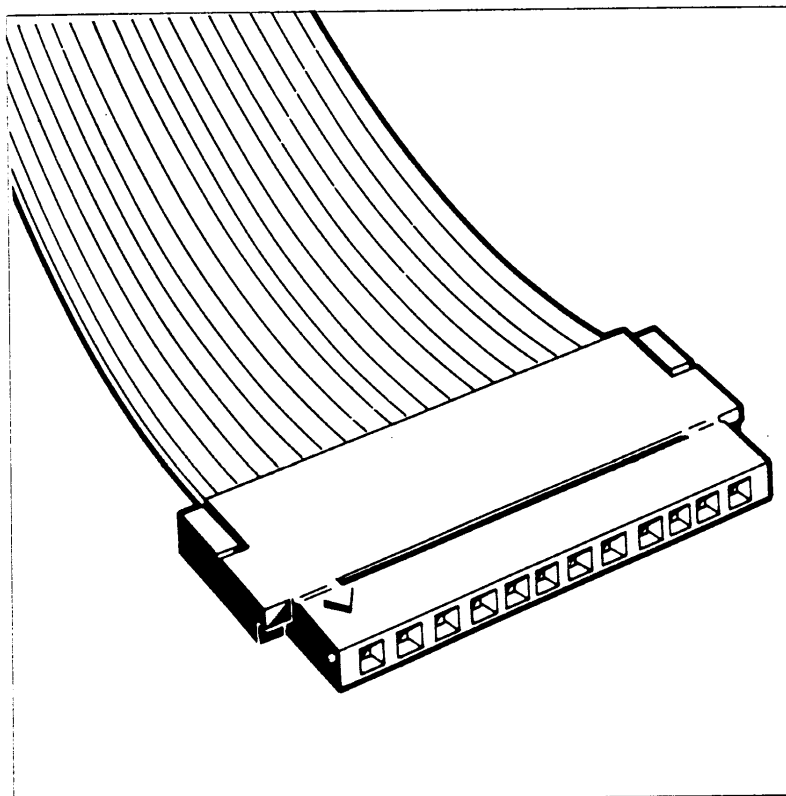
528-547

CLINCHER* Connector Female, 2,54 mm

Flexible Circuitry Systems

Features

- Simultaneously terminates flat conductor flat cable or flexible circuitry without cable stripping.
- Mates with 0,64 mm square or round pins on 2,54 mm centres.
- Dual-metal PV contacts ensure excellent electrical and mechanical performance.
- The clinching portion of the contact forms a gastight crimp to prevent contamination of contact.
- Special version for thin film conductive ink circuits with 0,15 mm max. thickness.



Technical data

Spacing		2,54 mm
Polarization		By means of a polarization plug, see "Ordering data"
Body	Material	Polypropylene (UL 94 V-0). Colour blue
	Insulation resistance	$5 \times 10^4 \text{ M}\Omega \text{ min.}$
	Temperature range	-65°C to $+105^\circ \text{C}$
	Withstanding voltage	$> 500 \text{ V rms}$ (sea level)
Contact	Body Material	Brass
	Spring material	Beryllium copper
	Plating/Performance	Gold, in reference to DIN 41612, part 5 or tin/lead
	Current rating	2 A max.
	Resistance	15 m Ω max.
	Insertion force (max.)	3 N (300 gf) per contact
	Withdrawal force (min.)	0,25 N (25 gf) per contact
Packaging		100 connectors, min. order quantity 100 connectors