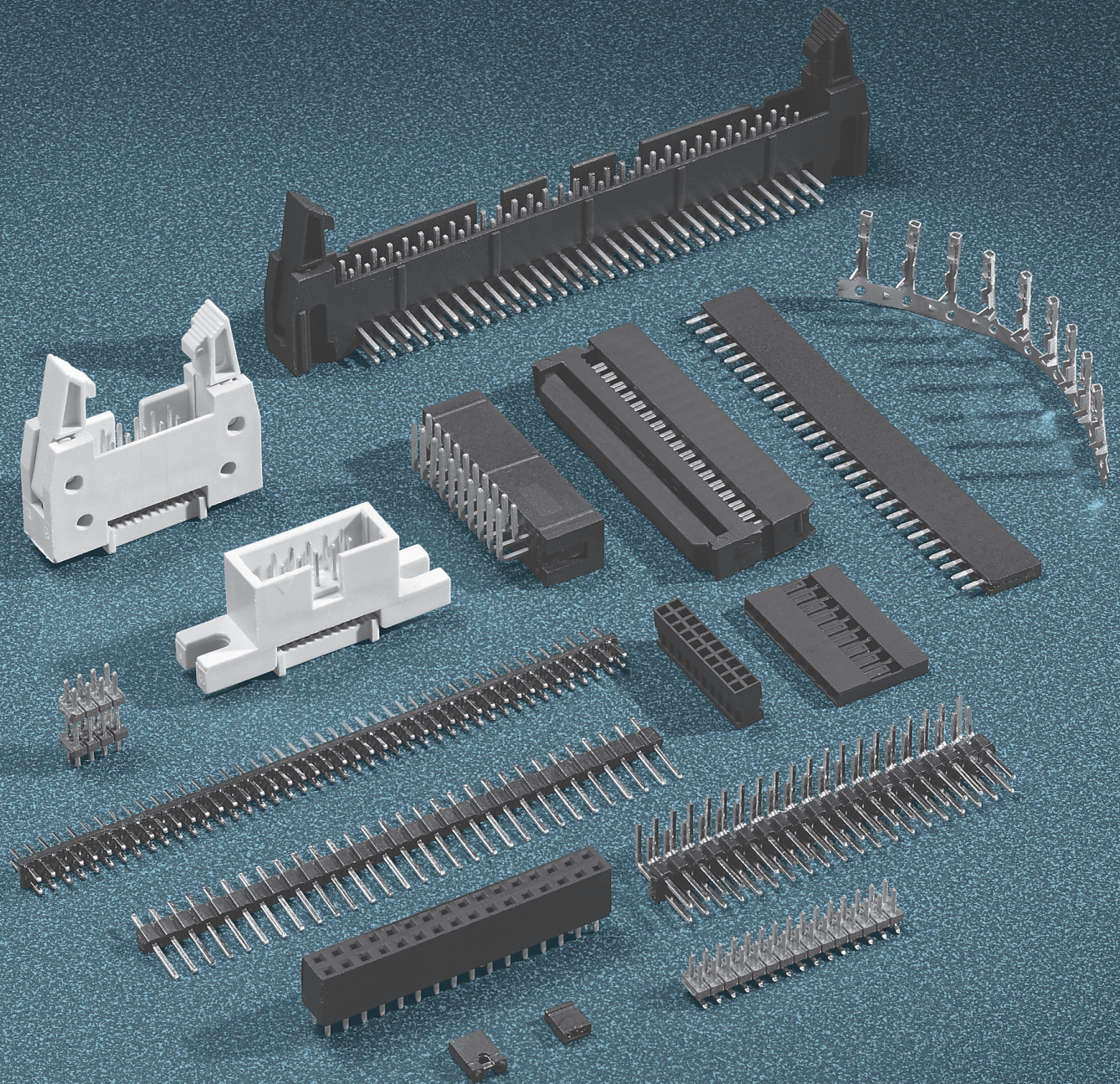



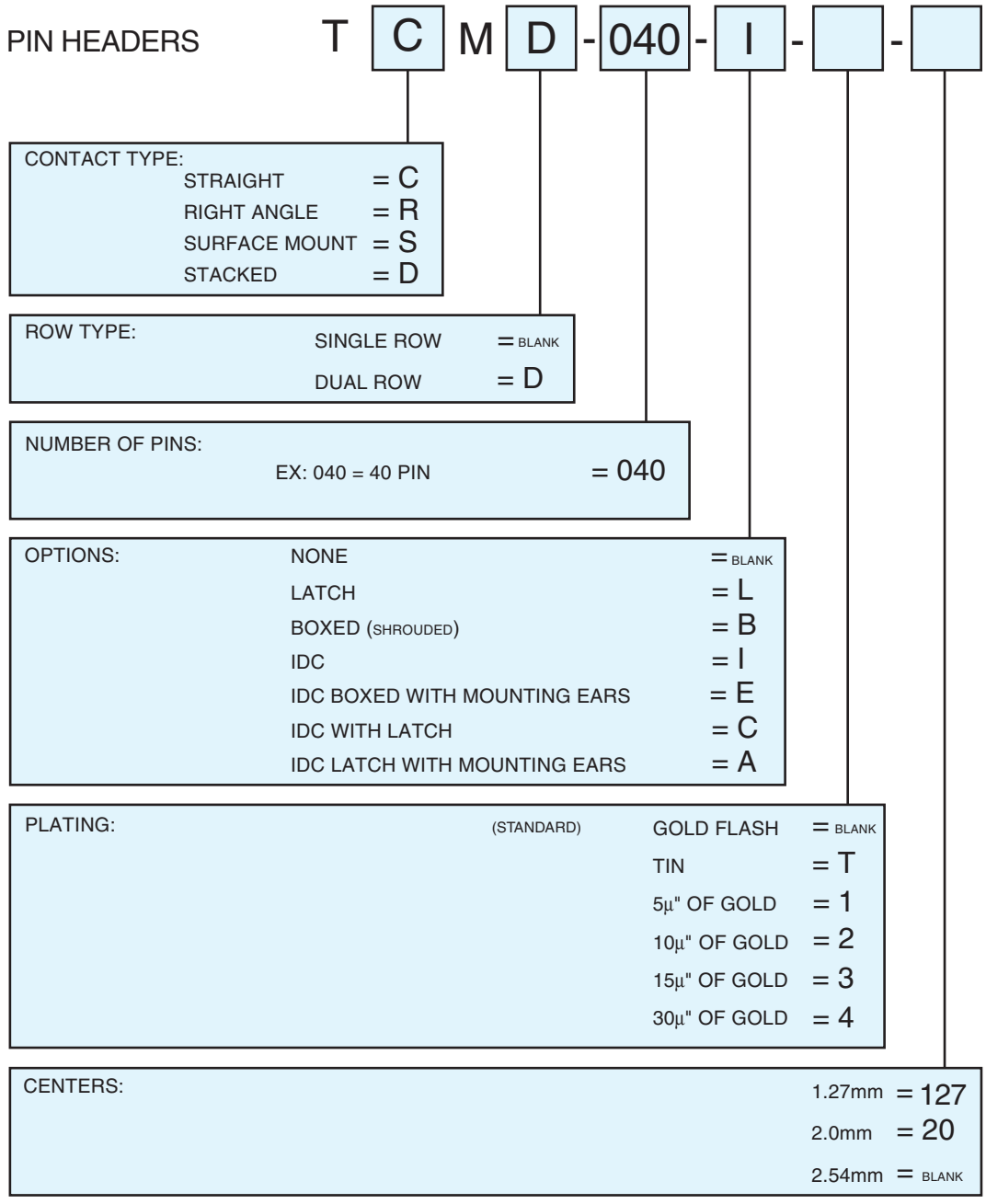
PIN HEADERS / RECEPTACLES



Power Dynamics Pin Headers and Receptacles are designed to meet today's needs for rugged and diverse interconnect products. They are available in 1.27mm, 2.0mm, and 2.54mm centers, and 1 through 80 contacts. Mounting options include P.C.B., I.D.C., crimp, and surface mount. Most Power Dynamics Pin Headers/Receptacles carry  safety approval.

PDI[®]
Power Dynamics, Inc.

EXAMPLE & ORDERING CODE



SPECIFICATIONS

MATERIAL AND FINISH:

Housing:
 Material: P.B.T.; Valox 420-SEO, Nylon 6T
 Rating: UL 94V-0

Contacts:
 Material: Brass
 Plating: Gold Flash

ELECTRICAL SPECIFICATIONS:

Current Rating: 3A

Insulator Resistance: 1000 Megaohm min.

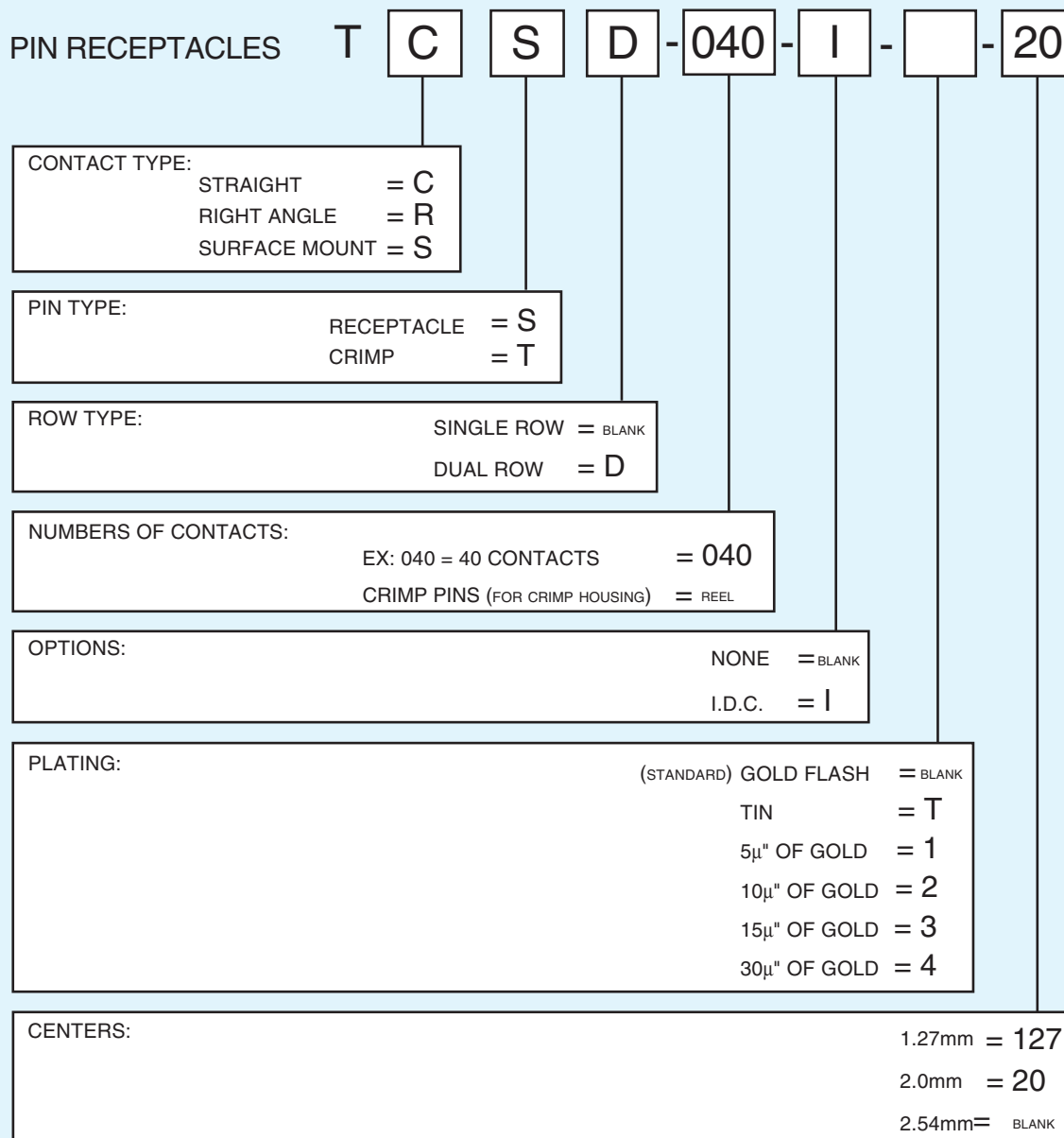
Dielectric Withstanding Strength:
 1000 VAC rms for 1 minute

Temperature: -55°C to 105°C



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 e-mail: sales@powerdynamics.com • www.powerdynamics.com

EXAMPLE & ORDERING CODE



SPECIFICATIONS

MATERIAL AND FINISH:

Housing:

Material: P.B.T. glass filled, Nylon 6T
 Rating: UL 94V-0

Contacts:

Material: Phosphor Bronze
 Plating: Gold Flash

ELECTRICAL SPECIFICATIONS:

Current Rating: 1A

Insulator Resistance: 1000 Megaohm min. @ 500 VDC

Dielectric Withstanding Strength: 500 VDC for 1 min.

Contact Resistance: 30 milliohms max. @ 6 VDC at .3A

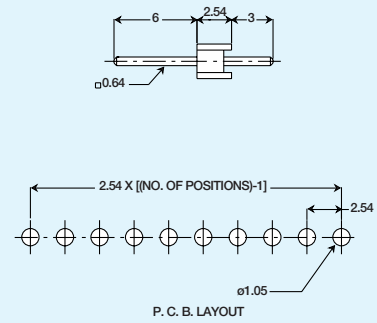
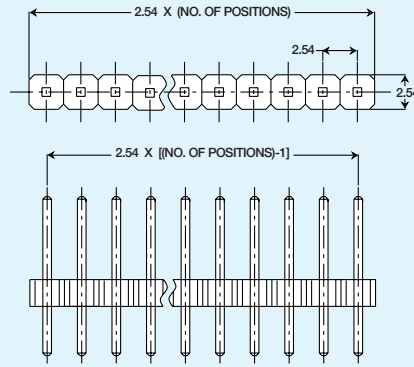
Temperature: -55°C to 105°C



Pin Header, 2.54mm, P.C.B.

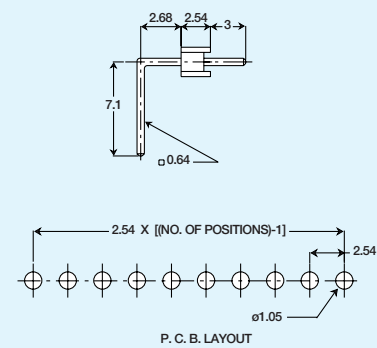
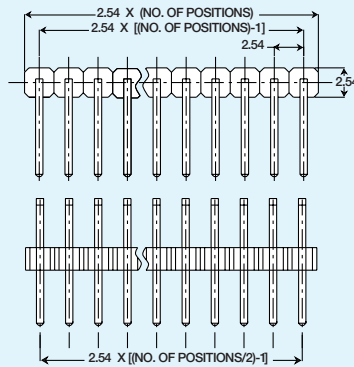
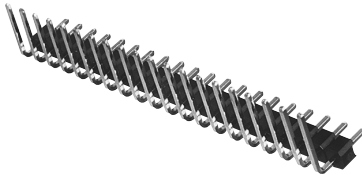


TCM-018
(shown)



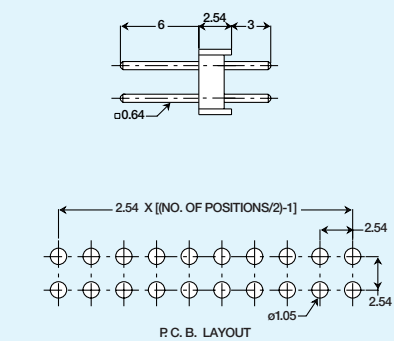
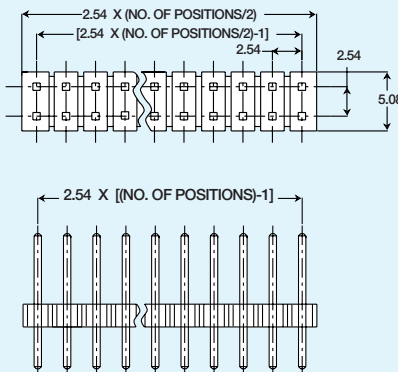
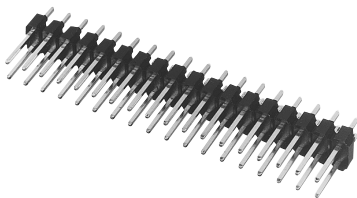
Available in 1-40 contacts.

TRM-020
(shown)



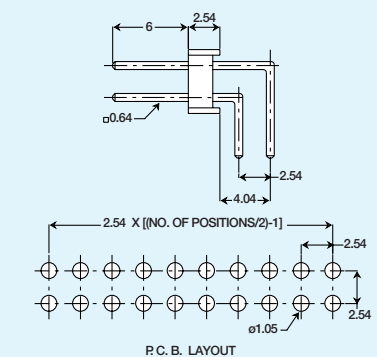
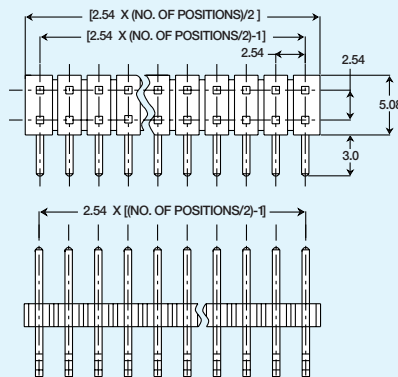
Available in 1-40 contacts.

TCMD-036
(shown)



Available in 2-80 contacts.

TRMD-036
(shown)



Available in 2-80 contacts.

Specifications subject to change without notice. Dimensions in mm.

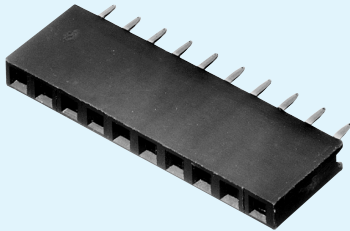


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Pin Receptacle, 2.54mm, P.C.B.

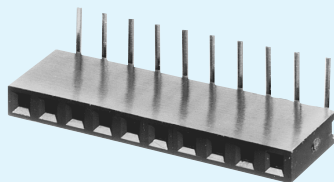


TCS-010
(shown)



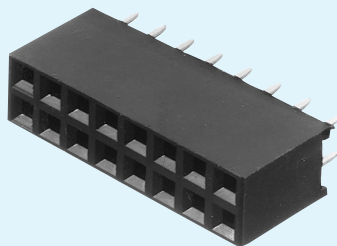
Available in 4-40 contacts.

TRS-010
(shown)



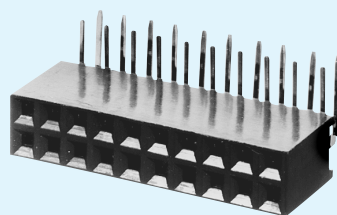
Available in 4-40 contacts.

TCSD-016
(shown)

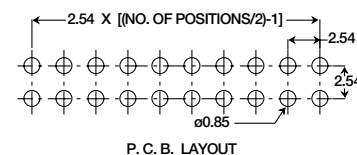
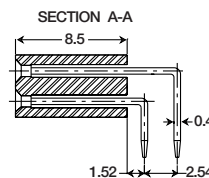
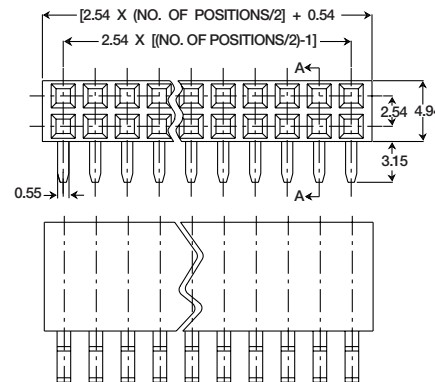
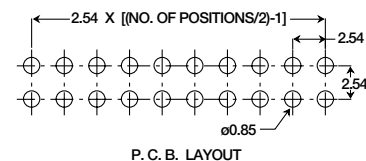
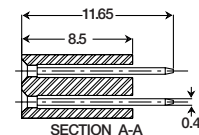
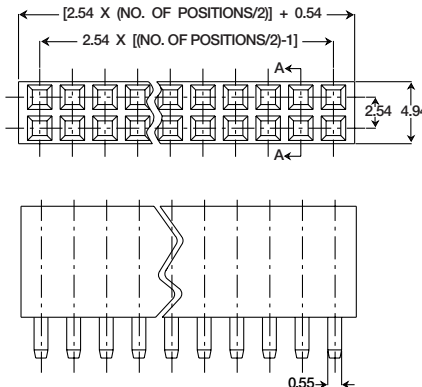
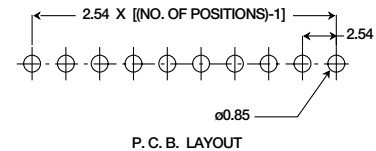
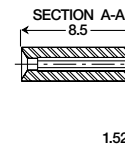
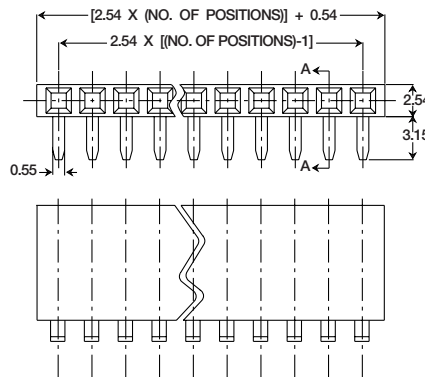
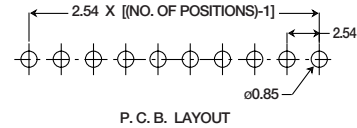
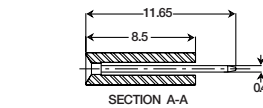
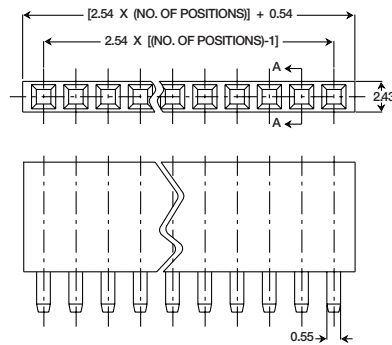


Available in 8-80 contacts.

TRSD-020
(shown)



Available in 8-80 contacts.

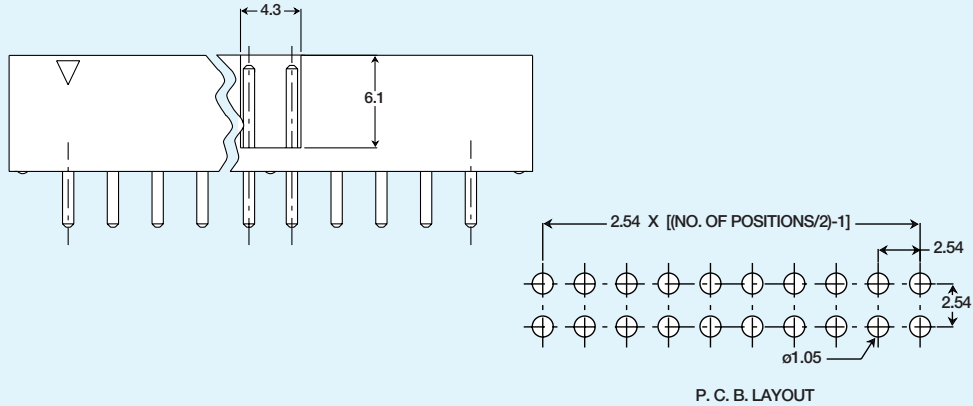
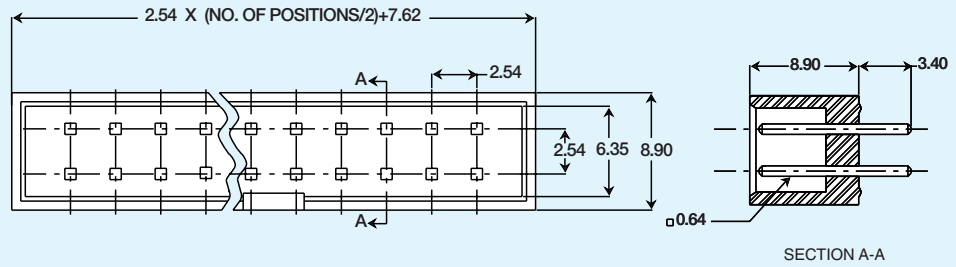
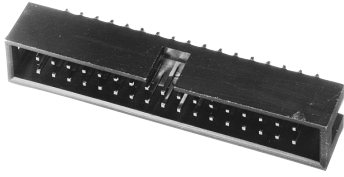


Specifications subject to change without notice. Dimensions in mm.

Pin Header, 2.54mm, P.C.B., Boxed

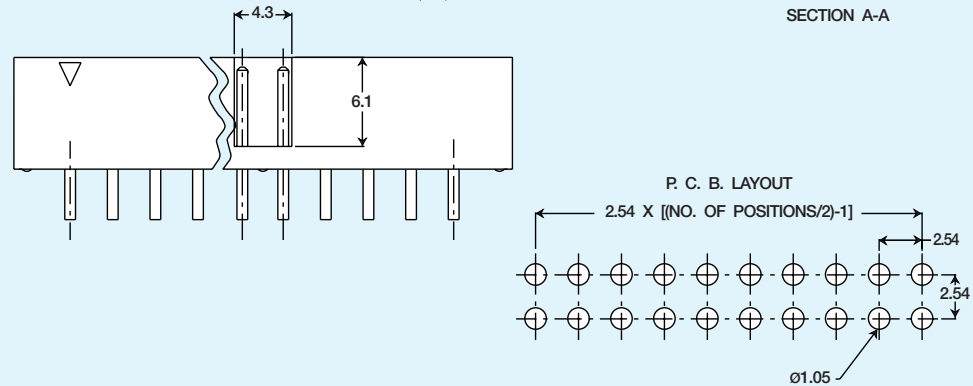
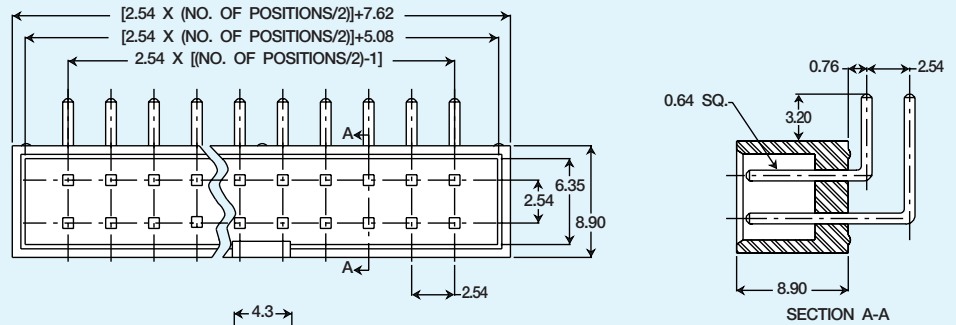
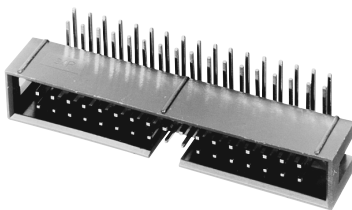


TCMD-034-B
(shown)



Available in 10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60, and 64 contacts.

TRMD-034-B
(shown)



Available in 10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60, and 64 contacts.

Specifications subject to change without notice. Dimensions in mm.

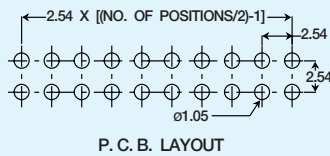
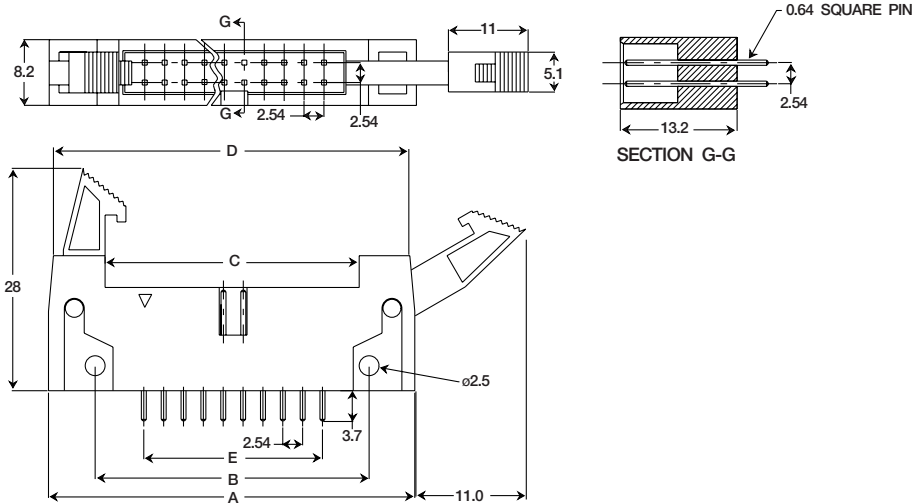
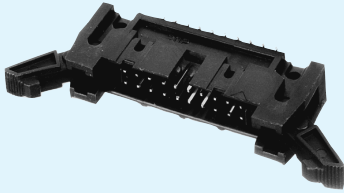


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e-mail: sales@powerdynamics.com • www.powerdynamics.com

Pin Header, 2.54mm, P.C.B., Latched

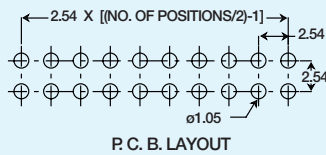
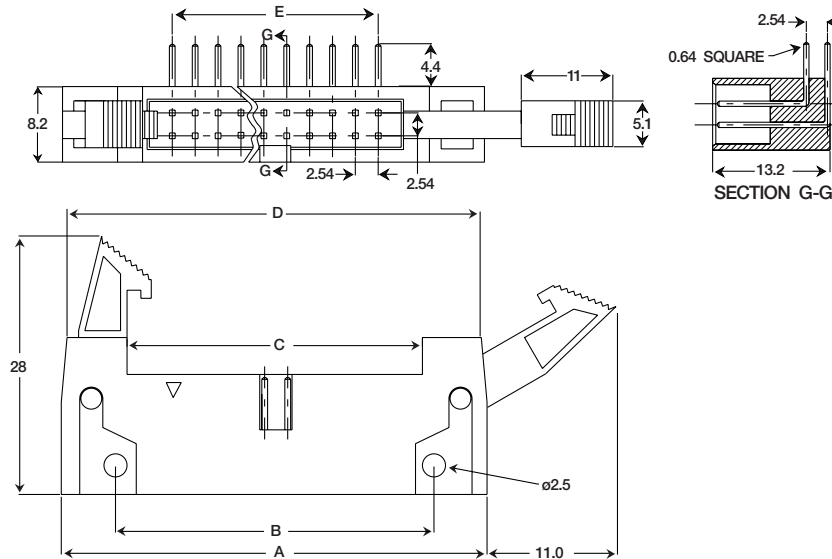
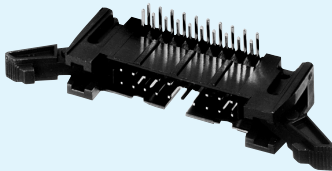


TCMD-020-L
(shown)



	NUMBER OF PINS											
	10	14	16	20	24	26	30	34	40	50	60	64
A	32.0	37.08	39.62	44.70	49.78	52.32	57.4	62.48	70.10	82.8	95.50	100.58
B	21.84	26.92	29.46	34.54	39.62	42.16	47.28	52.32	59.94	72.64	85.34	90.42
C	17.91	22.99	25.53	30.61	35.69	38.23	43.31	48.39	56.01	68.71	81.41	86.49
D	29.9	34.98	37.52	42.60	47.68	50.22	55.3	60.38	68.00	80.70	93.40	98.49
E	10.16	15.24	17.78	22.86	27.94	30.48	35.56	40.64	48.26	60.96	73.66	78.74

TRMD-020-L
(shown)



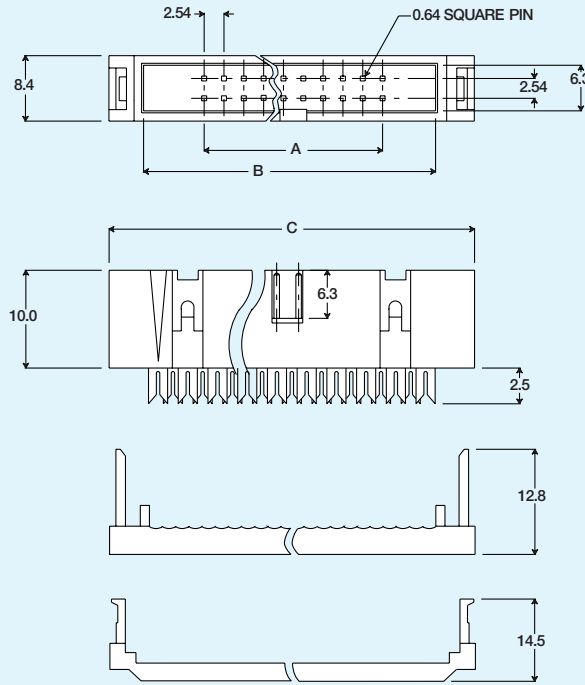
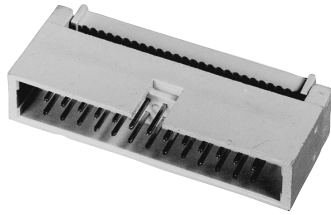
	NUMBER OF PINS											
	10	14	16	20	24	26	30	34	40	50	60	64
A	32.0	37.08	39.62	44.70	49.78	52.32	57.4	62.48	70.10	82.8	95.50	100.58
B	21.84	26.92	29.46	34.54	39.62	42.16	47.28	52.32	59.94	72.64	85.34	90.42
C	17.91	22.99	25.53	30.61	35.69	38.23	43.31	48.39	56.01	68.71	81.41	86.49
D	29.9	34.98	37.52	42.60	47.68	50.22	55.3	60.38	68.00	80.70	93.40	98.49
E	10.16	15.24	17.78	22.86	27.94	30.48	35.56	40.64	48.26	60.96	73.66	78.74

Specifications subject to change without notice. Dimensions in mm.

Pin Header, 2.54mm, I.D.C.



TCMD-026-I
(shown)

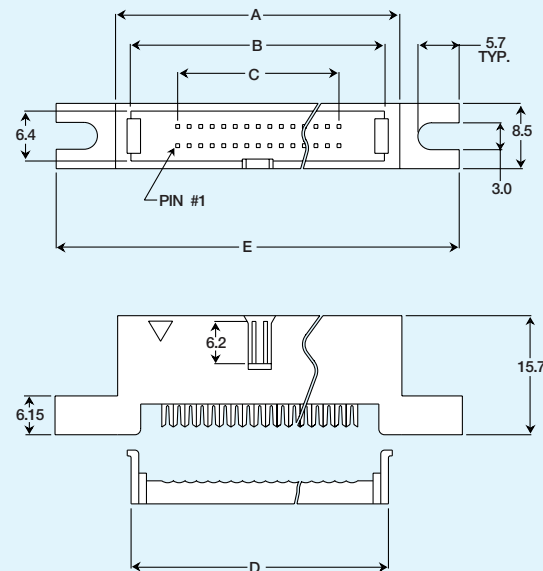
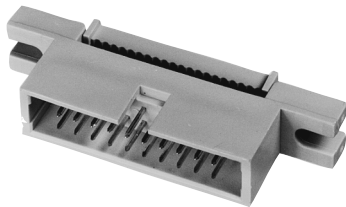


	A	B	C
10	10.16	18.00	23.00
14	15.24	23.08	28.08
16	17.78	25.62	30.62
20	22.96	30.70	35.70
24	27.94	35.78	40.78
26	30.48	38.32	43.32
30	35.56	43.40	48.40
34	40.64	48.48	53.48
40	48.26	56.10	61.10
50	60.96	68.90	73.90
60	73.66	81.60	86.60
64	78.74	86.68	91.68

8

PIN HEADERS / RECEPTACLES

TCMD-020-E
(shown)



	A	B	C	D	E
10	21.40	18.30	10.16	17.34	36.80
14	26.48	23.38	15.24	22.42	41.88
16	29.02	25.92	17.78	24.96	44.42
20	34.10	31.00	22.86	30.04	49.50
24	39.18	36.08	27.94	35.12	54.58
26	41.72	38.62	30.48	37.66	57.12
30	46.80	43.70	35.56	42.74	62.20
34	51.88	48.78	40.64	47.82	67.28
40	59.50	56.40	48.26	55.44	74.99
50	72.20	69.10	60.96	68.14	87.60
60	84.90	81.80	73.66	80.84	100.30
64	89.98	86.88	78.74	85.92	105.38

Specifications subject to change without notice. Dimensions in mm.
Custom cable assemblies also available. See page 254.

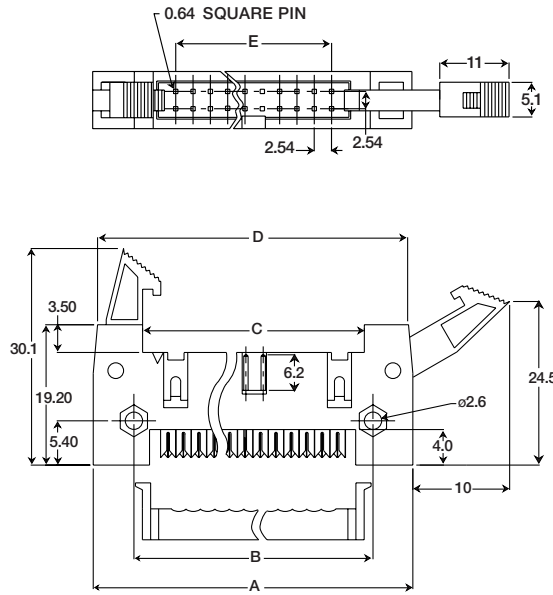
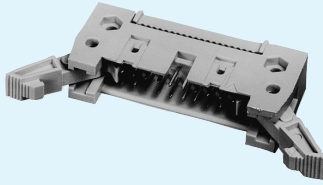


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Pin Header, 2.54mm, I.D.C.

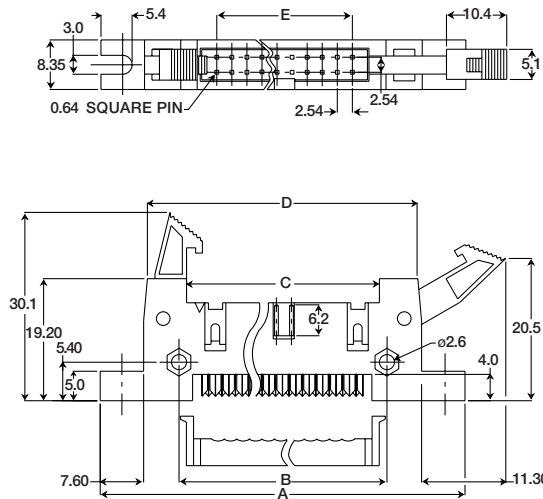
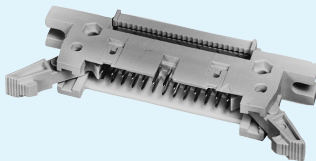


TCMD-020-C
(shown)



	A	B	C	D	E
10	32.0	21.84	18.10	29.9	10.16
14	37.08	26.92	23.18	34.98	15.24
16	39.62	29.46	25.72	37.52	17.78
20	44.70	34.54	30.80	42.60	22.86
24	49.78	39.62	35.88	47.68	27.94
26	52.32	42.16	38.42	50.22	30.48
30	57.4	47.24	43.50	55.3	35.56
34	62.48	52.32	48.58	60.38	40.64
40	70.10	59.94	56.20	68.00	48.26
50	82.8	72.64	68.90	80.70	60.96
60	95.50	85.34	81.60	93.40	73.66
64	100.58	90.42	86.68	98.48	78.74

TCMD-026-A
(shown)



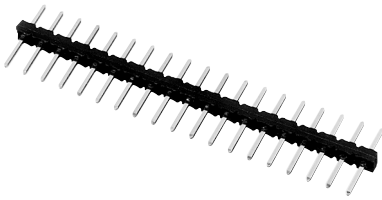
	A	B	C	D	E
10	47.20	21.84	18.10	29.9	10.16
14	52.28	26.92	23.18	34.98	15.24
16	54.82	29.46	25.72	37.52	17.78
20	59.90	34.54	30.80	42.60	22.86
24	64.98	39.62	35.88	47.68	27.94
26	67.52	42.16	38.42	50.22	30.48
30	72.60	47.24	43.50	55.3	35.56
34	77.68	52.32	48.58	60.38	40.64
40	85.30	59.94	56.20	68.00	48.26
50	98.00	72.64	68.90	80.70	60.96
60	110.70	85.34	81.60	93.40	73.66
64	115.78	90.42	86.68	98.48	78.74

Specifications subject to change without notice. Dimensions in mm.
Custom cable assemblies also available. See page 254.

Pin Header, 2.0mm, P.C.B.



TCM-019-20
(shown)



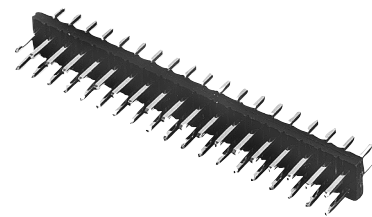
Available in 1-40 contacts.

TRM-019-20
(shown)



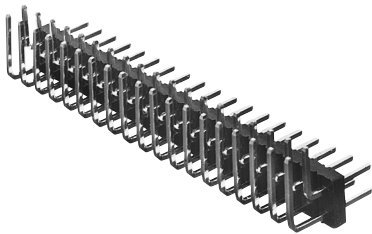
Available in 1-40 contacts.

TCMD-038-20
(shown)

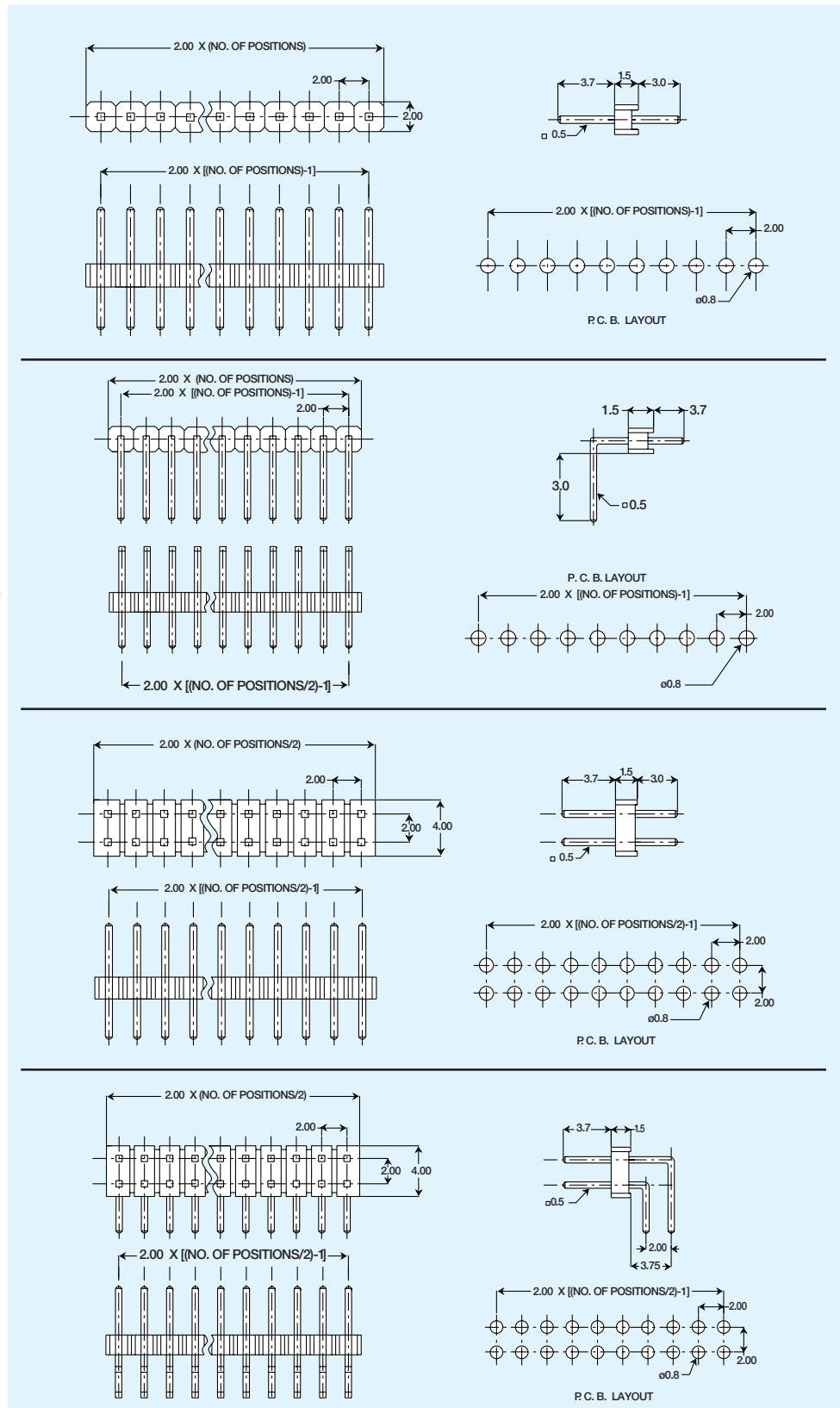


Available in 2-80 contacts.

TRMD-038-20
(shown)



Available in 2-80 contacts.



Specifications subject to change without notice. Dimensions in mm.

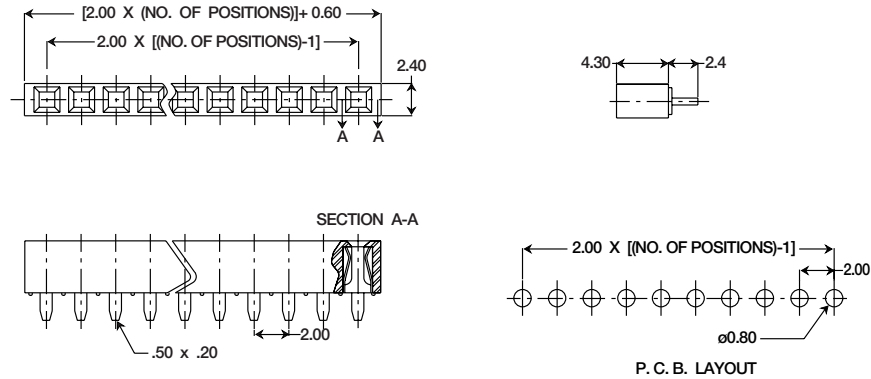
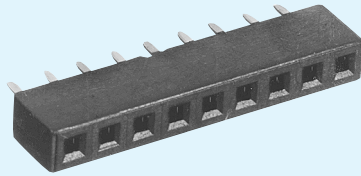


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Pin Receptacle, 2.0mm, P.C.B.

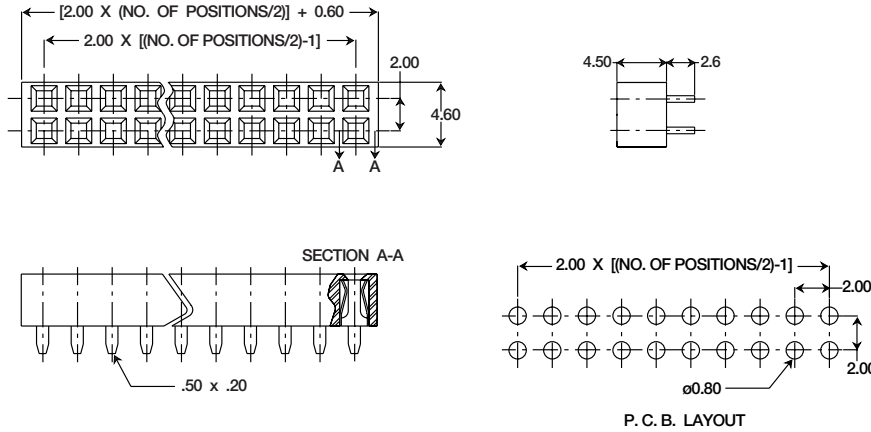
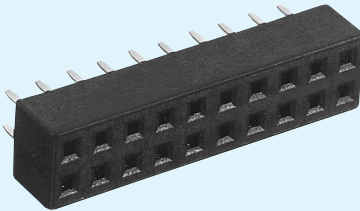


TCS-009-20
(shown)



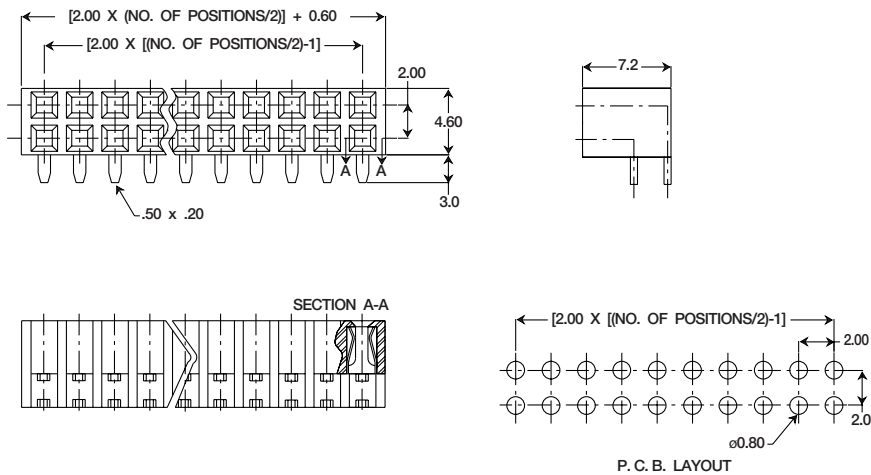
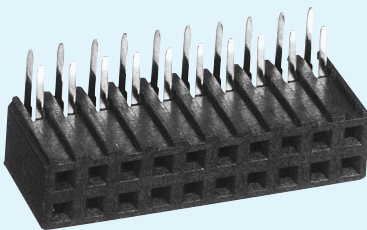
Available in 4-40 contacts.

TCSD-020-20
(shown)



Available in 8-80 contacts.

TRSD-020-20
(shown)

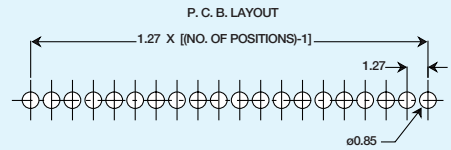
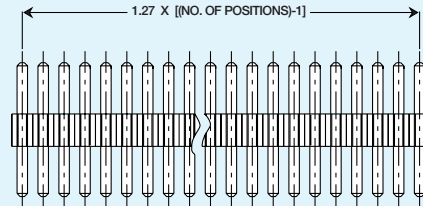
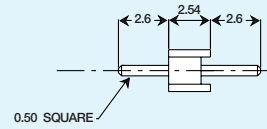
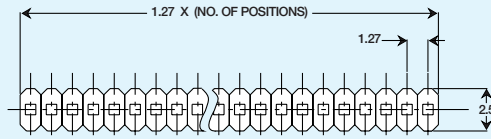


Available in 8-80 contacts.

Specifications subject to change without notice. Dimensions in mm.

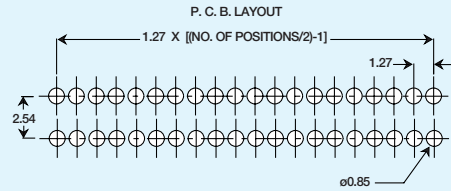
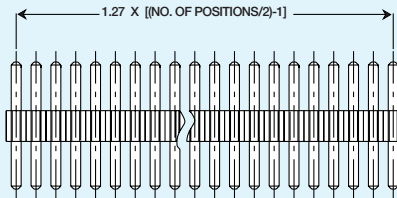
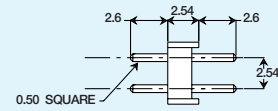
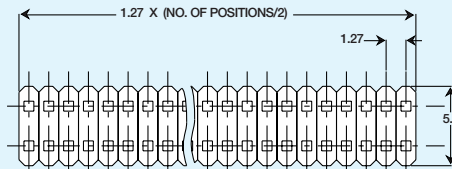
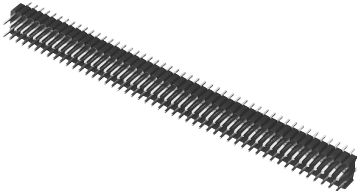
Pin Headers and Receptacle, 1.27mm, P.C.B.

TCM-032-127
(shown)



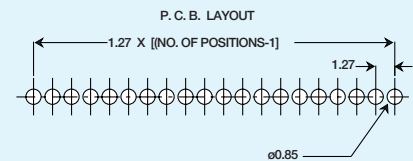
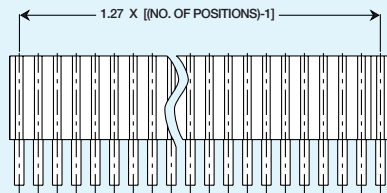
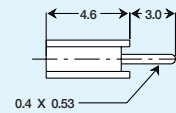
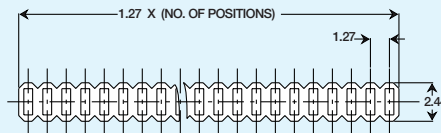
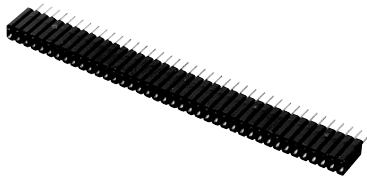
Available in 1-32 contacts.

TCMD-100-127
(shown)



Available in 2-100 contacts.

TCS-040-127
(shown)



Available in 4-50 contacts.

Specifications subject to change without notice. Dimensions in mm.

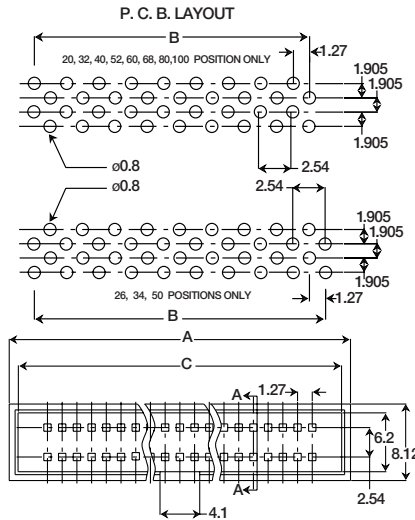
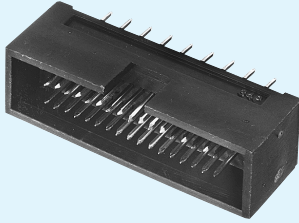


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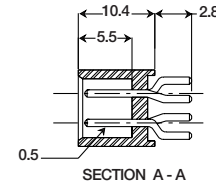
Pin Header, 1.27mm, P.C.B., Boxed and Latched

TCMD-034-B-127

(shown)

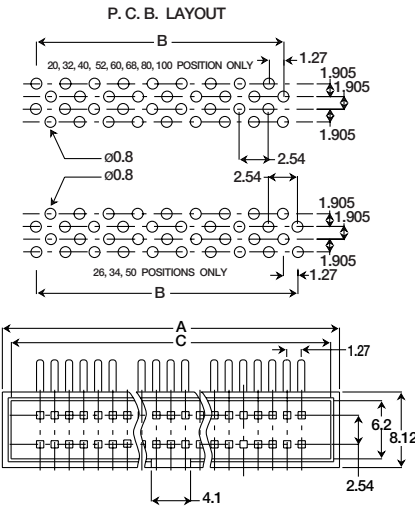
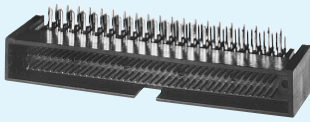


POSITION	DIMENSION		
	A	B	C
20	20.95	11.43	18.75
26	24.76	15.24	22.56
32	28.57	19.05	26.37
34	29.84	20.32	27.64
40	33.65	24.13	31.45
50	40.00	30.48	37.80
52	41.27	31.75	39.07
60	46.35	36.83	44.15
68	51.43	41.91	49.23
80	59.05	49.53	56.85
100	71.75	62.23	69.55

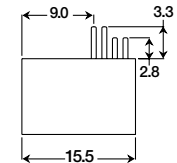


TRMD-080-B-127

(shown)

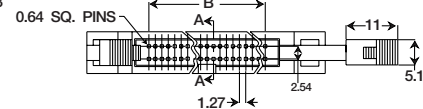
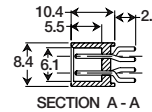
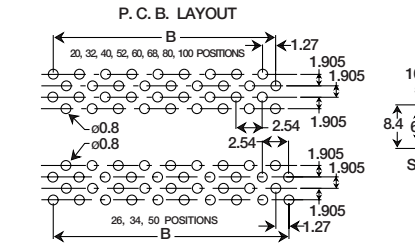
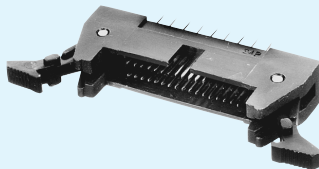


POSITION	DIMENSION		
	A	B	C
20	20.95	11.43	18.75
26	24.76	15.24	22.56
32	28.57	19.05	26.37
34	29.84	20.32	27.64
40	33.65	24.13	31.45
50	40.00	30.48	37.80
52	41.27	31.75	39.07
60	46.35	36.83	44.15
68	51.43	41.91	49.23
80	59.08	49.53	56.85
100	71.75	62.23	69.55

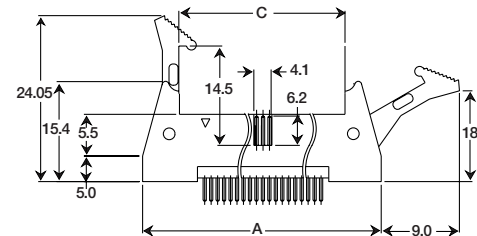


TCMD-034-L-127

(shown)



POSITION	DIMENSION		
	A	B	C
20	30.95	11.43	18.75
26	34.76	15.24	22.56
32	38.57	19.05	26.37
34	39.84	20.32	27.64
40	43.65	24.13	31.45
50	50.00	30.48	37.80
52	51.27	31.75	39.07
60	56.35	36.83	44.15
68	61.43	41.91	49.23
80	69.05	49.53	56.85
100	81.75	62.23	69.55



Specifications subject to change without notice. Dimensions in mm.

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Power Dynamics, Inc.

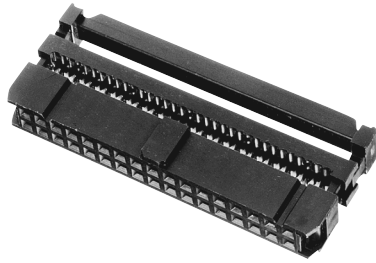
8

PIN HEADERS / RECEPTACLES

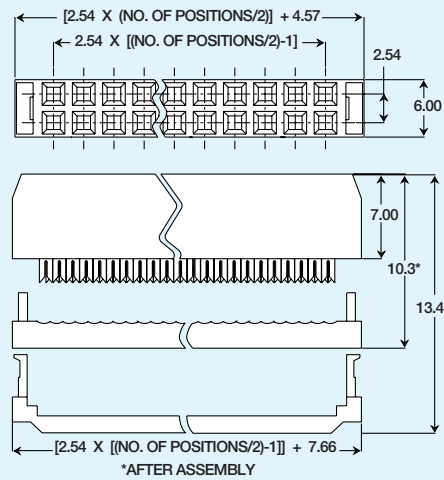
Pin Receptacle, I.D.C.



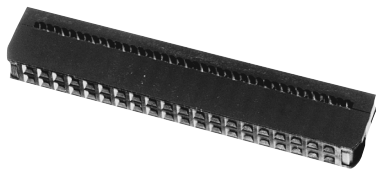
TCSD-034-I
(shown)



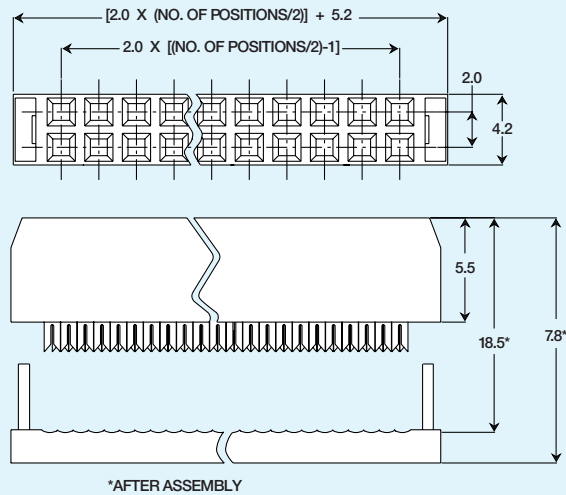
Available in 10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60, 64 contacts.



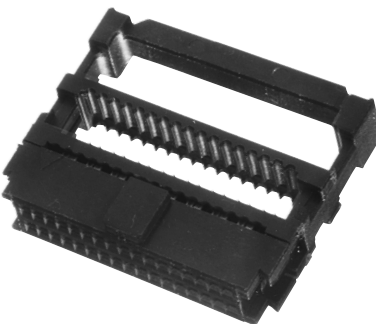
TCSD-040-I-20
(shown)



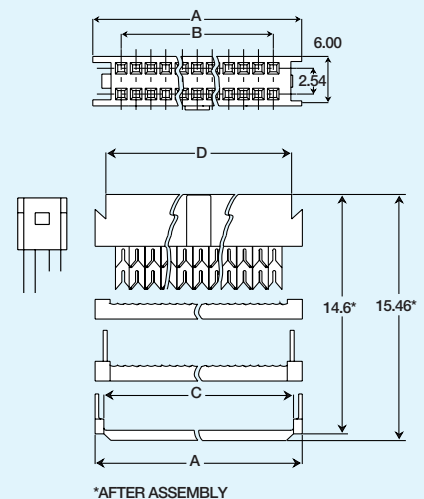
Available in 20, 22, 24, 26, 34, 40, 44, 50, 60, 68 contacts.



TCSD-034-I-127
(shown)



POSITION	DIMENSION			
	A	B	C	D
20	18.55	11.43	13.95	16.35
26	22.36	15.24	17.76	20.16
32	26.17	19.05	21.57	23.97
34	27.44	20.32	22.84	25.24
40	31.25	24.13	26.65	29.05
50	37.50	30.48	33.00	35.40
52	38.87	31.75	34.27	36.67
60	43.95	36.83	39.35	41.75
68	49.03	41.91	44.43	46.83
80	56.65	49.53	52.05	54.45
100	69.35	62.23	64.75	67.15



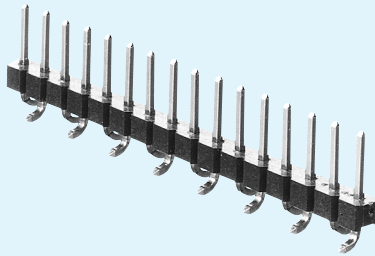
Specifications subject to change without notice. Dimensions in mm.
 Custom cable assemblies also available. See page 254.



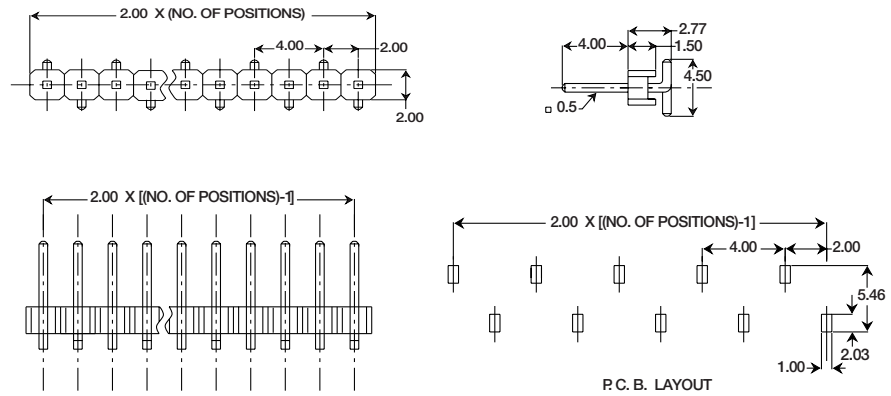
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Pin Headers, 2.0mm, Surface Mount

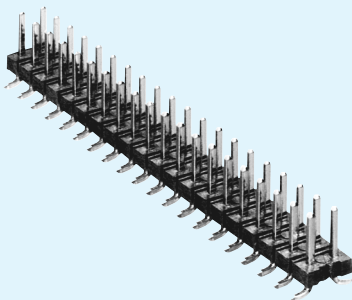
TSM-016-20
(shown)



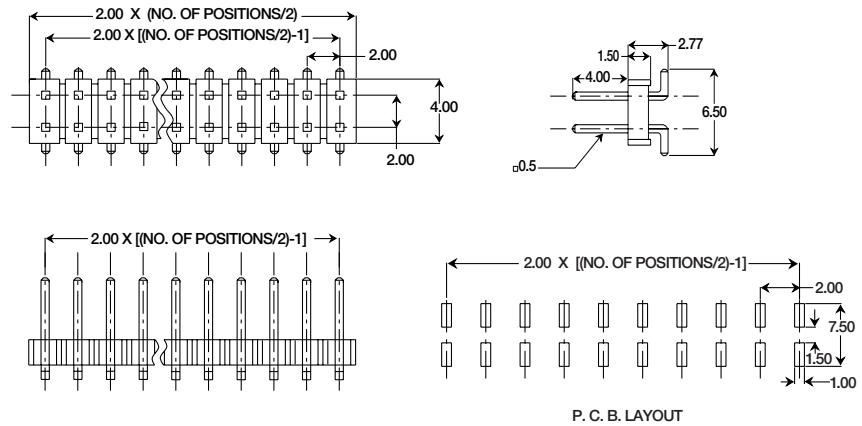
Available in 2-32 contacts.
Tape and reel packaging available.
Please contact PDI for ordering instructions.



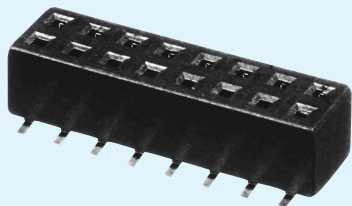
TSMD-040-20
(shown)



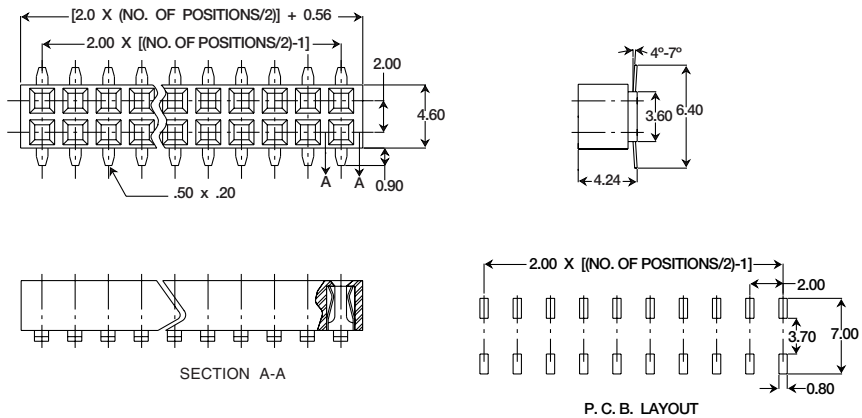
Available in 4-64 contacts.
Tape and reel packaging available.
Please contact PDI for ordering instructions.



TSSD-016-20
(shown)



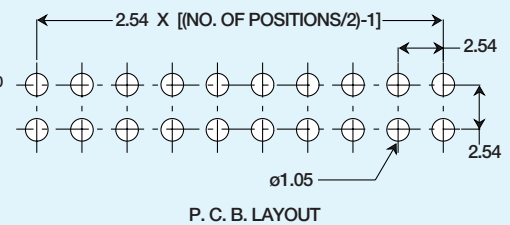
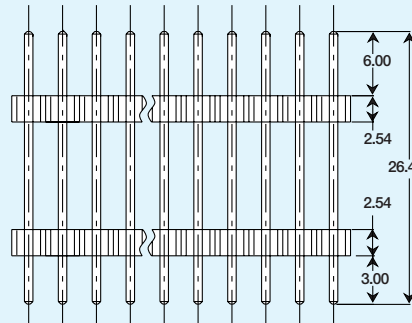
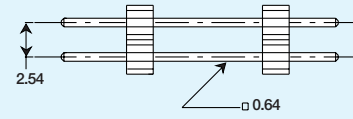
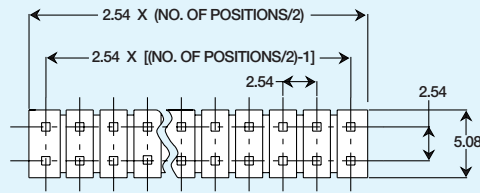
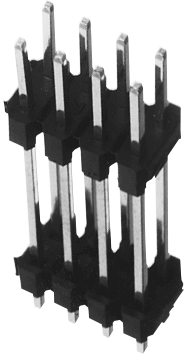
Available in 8-60 contacts.
Tape and reel packaging available.
Please contact PDI for ordering instructions.



Specifications subject to change without notice. Dimensions in mm.

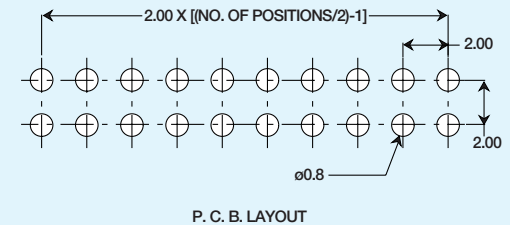
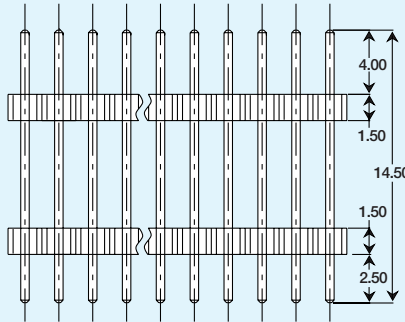
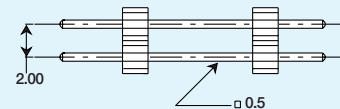
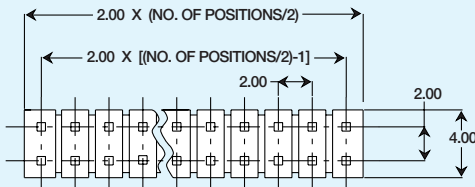
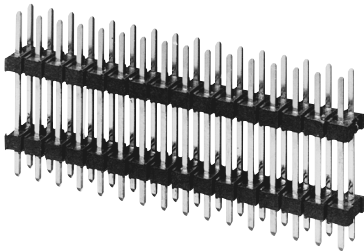
Pin Headers, Stacked, P.C.B.

TDMD-008
(shown)



Available in 4-80 contacts.

TDMD-032-20
(shown)



Available in 4-64 contacts.

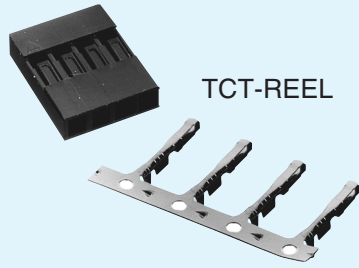
Specifications subject to change without notice. Dimensions in mm.



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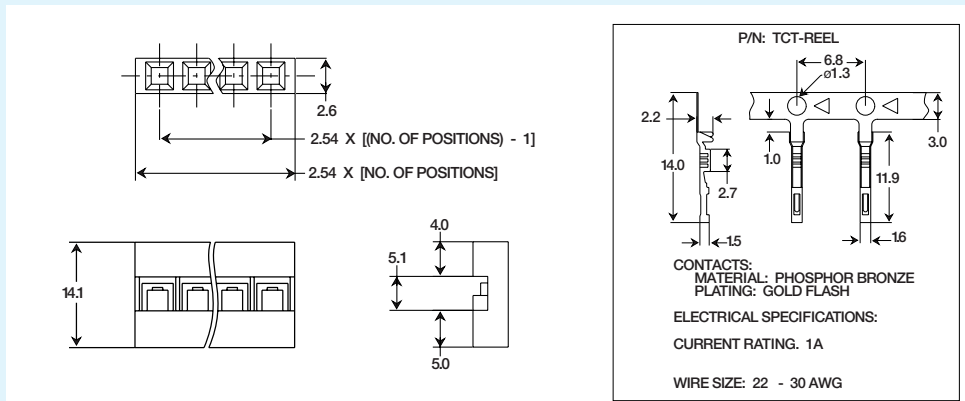
Pin Receptacle, Crimp, 2.54mm and 2.0mm

TCT-004
(shown)

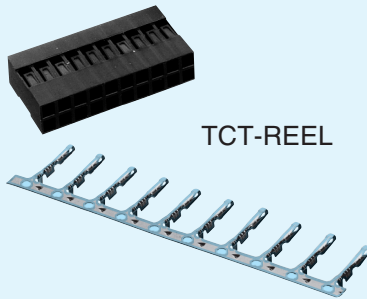


TCT-REEL

Available in 2-60 contacts.

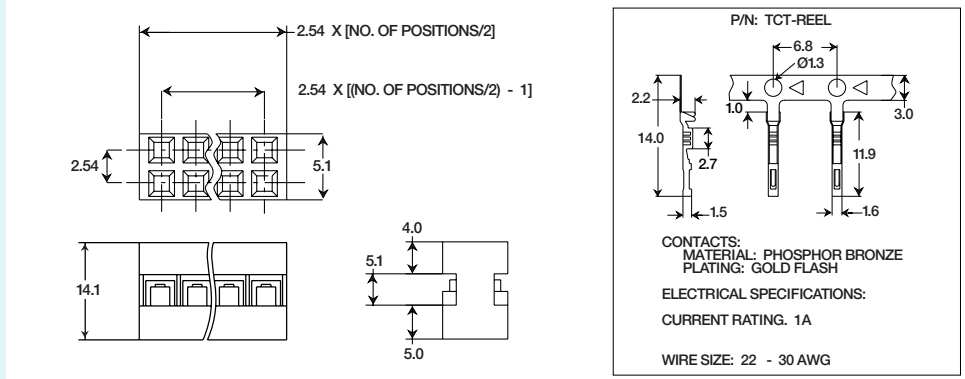


TCTD-020
(shown)

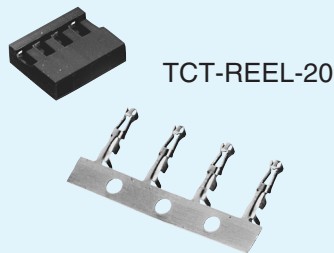


TCT-REEL

Available in 4-120 contacts.

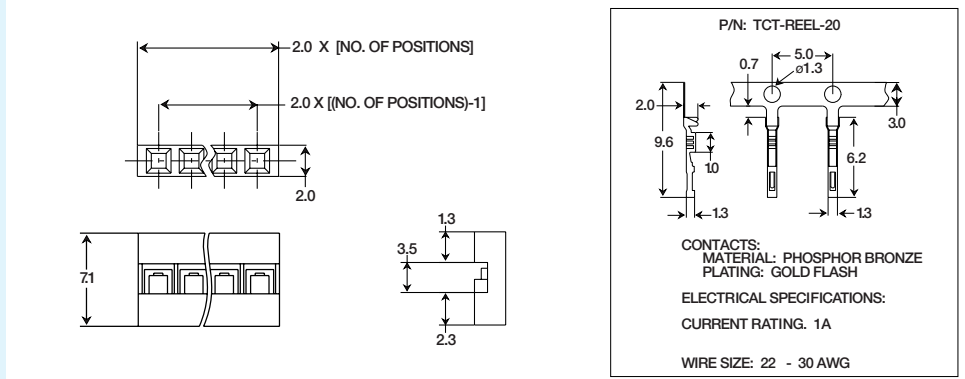


TCT-004-20
(shown)

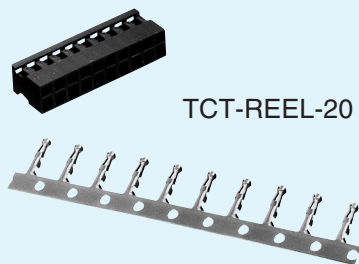


TCT-REEL-20

Available in 2-40 contacts.

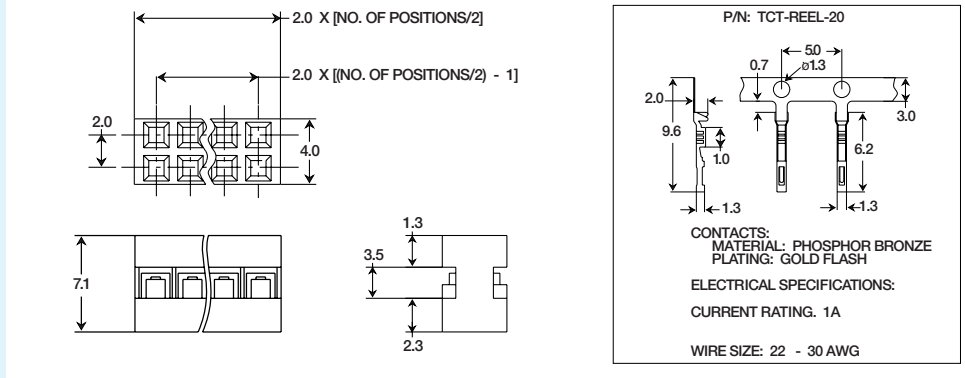


TCTD-020-20
(shown)



TCT-REEL-20

Available in 4-80 contacts.

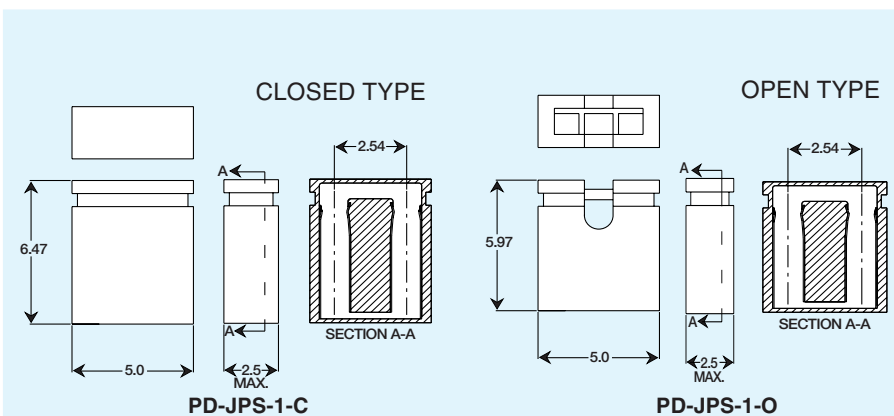
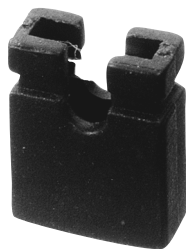


Specifications subject to change without notice. Dimensions in mm.
Custom cable assemblies also available. See page 290.

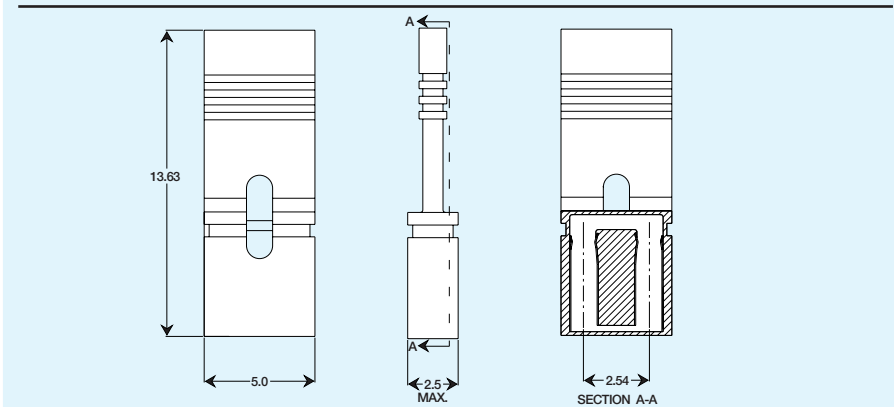
Shunt, 2.54mm and 2.0mm



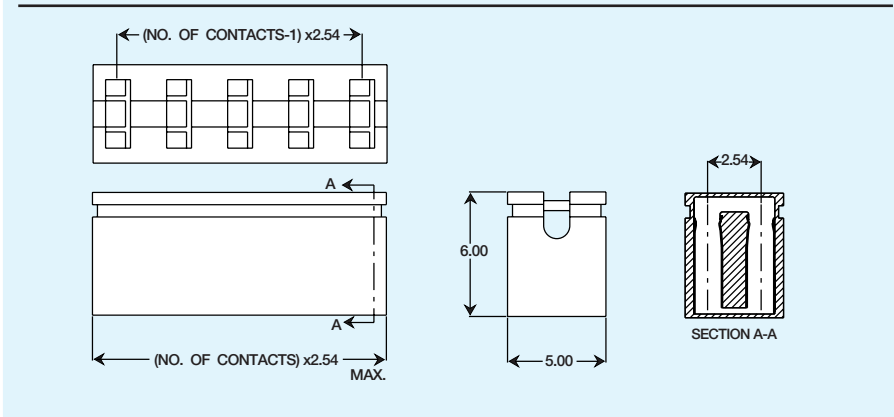
PD-JPS-1-O
(shown)



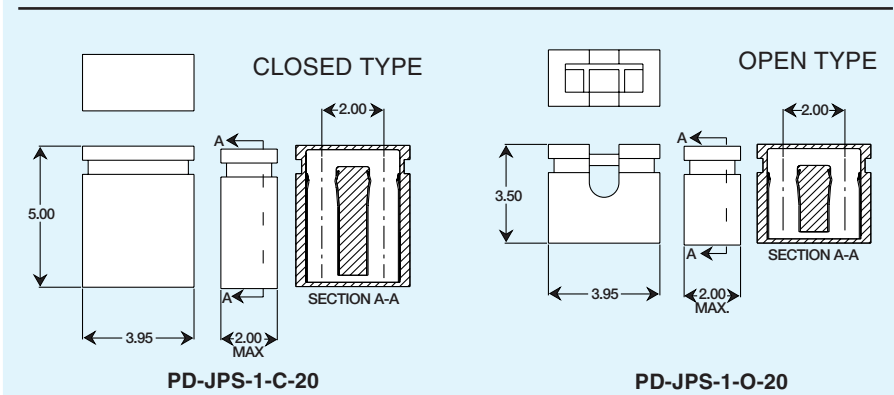
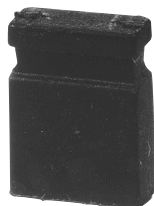
PD-JPS-1-CH
(shown)



PD-JPS-08-O
(shown)



PD-JPS-1-C-20
(shown)



Specifications subject to change without notice. Dimensions in mm.