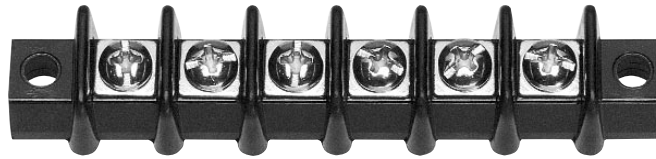


# Single Row Terminal Blocks

## Kulka® 699 Series

150 Volts



### Specifications:

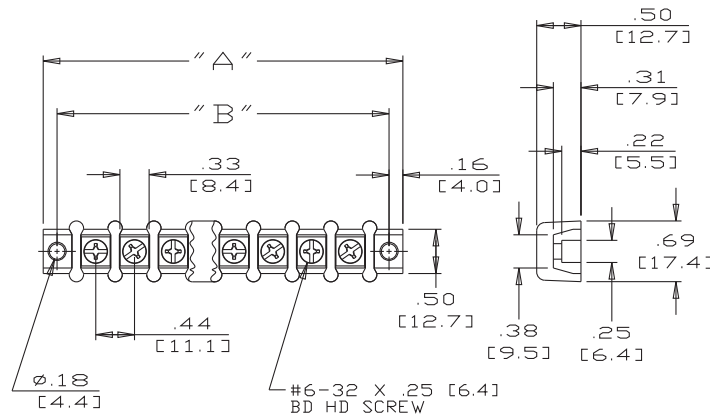
- Base, Phenolic, 150° C
- Open Back Design (Insulator Strip Required for Voltage Rating)
- JJ (GDI-30F) Material Available
- Screws, #6-32 Binder Head, Phil-Slot
- Terminals, Plated Brass
- 1-23 Poles
- 7/16" Centers
- Wire Range With Wire Binding Screw #14-#16 Awg – 20 Amps
- The Suitability Of These Devices For Greater Currents Shall Be Determined In The End-Use Application
- UL Recognized File No. E47811
- CSA Certified File No. LR19766
- C E

### Hardware Options: (Hardware options may affect ratings - consult factory)

Catalog Description	Number of Poles	Dimensions	
		A	B
699 GP 01	1	1.19	0.88
699 GP 02	2	1.63	1.31
699 GP 03	3	2.06	1.75
699 GP 04	4	2.50	2.19
699 GP 05	5	2.94	2.63
699 GP 06	6	3.38	3.06
699 GP 07	7	3.81	3.50
699 GP 08	8	4.25	3.94
699 GP 09	9	4.69	4.38
699 GP 10	10	5.12	4.81
699 GP 11	11	5.56	5.25
699 GP 12	12	6.00	5.69
699 GP 13	13	6.44	6.13
699 GP 14	14	6.87	6.56
699 GP 15	15	7.31	7.00
699 GP 16	16	7.75	7.44
699 GP 17	17	8.19	7.88
699 GP 18	18	8.62	8.31
699 GP 19	19	9.06	8.75
699 GP 20	20	9.50	9.19
699 GP 21	21	9.94	9.63
699 GP 22	22	10.37	10.06
699 GP 23	23	10.81	10.50

MM=Dim X 25.4

KT 46	=	Full Quick Connect (0° Flat)	See Page 87
KT 47	=	Full Quick Connect (45° Bend)	See Page 87
KT 48	=	Full Quick Connect (90° Bend)	See Page 87
J 601	=	Line to Line Jumper	See Page 91
601 RJ(S)	=	Multiple Position Jumper	See Page 91
3/4 ST	=	Half Solder	See Page 89
KT 52	=	Half Quick Connect (0° Flat)	See Page 87
KT 53	=	Half Quick Connect (45° Bend)	See Page 87
KT 54	=	Half Quick Connect (90° Bend)	See Page 87
Z	=	Lug Over the Side (.437)	See Page 90
2102	=	Stud	See Page 93
2104	=	Feed Thru Solder	See Page 93
2120	=	Solder Pin	See Page 93
2121	=	Solder Pin	See Page 93

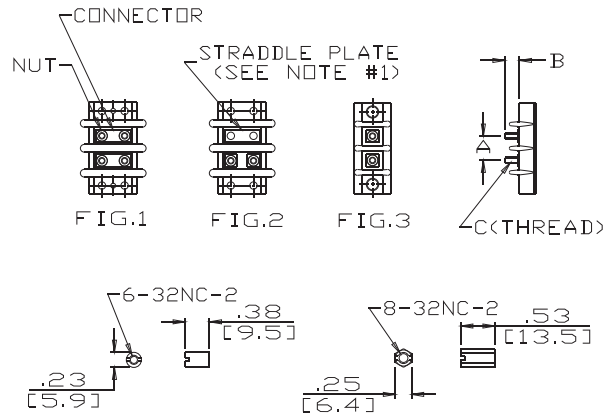


Single/Double Row Terminal Blocks

## Kulka® Stud and Turret Terminal Blocks

Marathon Offers Kulka® Terminal Blocks with Stud and Turret Configurations:

### Threaded Stud



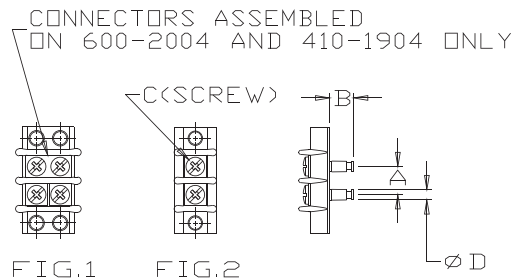
Catalog #	Figure	A	B	C
599 GP 2002 XX	FIG 3	0.38	0.34	6-32 NC
600A GP 2002 XX	FIG 2	0.38	0.38	6-32 NC
601 GP 2102 XX	FIG 2	0.44	0.44	6-32 NC
602 GP 2202 XX	FIG 2	0.56	0.50	8-32 NC
603 GP 2302 XX	FIG 1	0.69	0.50	10-32 NF
604 GP 2402 XX	FIG 1	0.88	0.44	10-32 NF
605 GP 2502 XX	FIG 1	1.13	0.75	1/4-28 NF
699 GP 2102 XX	FIG 3	0.44	0.44	6-32 NC
812 GP 2202 XX	FIG 3	0.56	0.50	8-32 NC

XX - Number of Terminals

Note 1: Standard with block, but packed separately.

Note 2: 604 and 605 nuts are part of the assembly. Additional nuts (one per stud) are supplied in bulk.

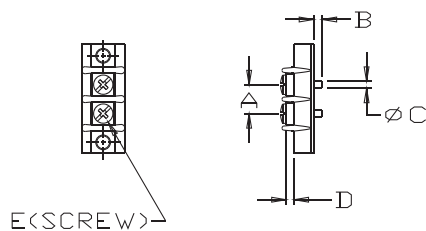
### Screw Terminal with Feed-thru Solder Terminal



Catalog #	Figure	A	B	C	D
411 GP 1904 XX	FIG 2	0.25	0.28	2-56 NC X .19	0.11
599 GP 2004 XX	FIG 2	0.38	0.31	5-40 NC X .25	0.14
600 GP 2004 XX	FIG 1	0.38	0.31	5-40 NC X .25	0.14
601 GP 2104 XX	FIG 1	0.44	0.38	6-32 NC X .25	0.13
699 GP 2104 XX	FIG 2	0.44	0.38	6-32 NC X .25	0.13
812 GP 2204 XX	FIG 2	0.56	0.44	8-32 NC X .25	0.14

XX - Number of Terminals

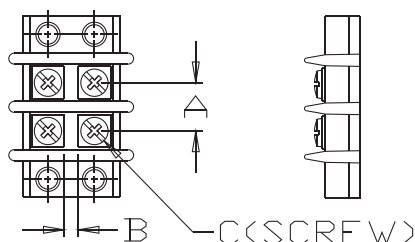
### Screw Terminal with Solder Pin for Printed Circuit Board Connection



Catalog #	A	B	C	D	E
599 GP 2020 XX	0.38	0.13	0.09	0.09	5-40 NC X .19
599 GP 2021 XX	0.38	0.13	0.09	0.03	5-40 NC X .19
699 GP 2120 XX	0.44	0.19	0.09	0.04	6-32 NC X .25
699 GP 2121 XX	0.44	0.20	0.06	0.04	6-32 NC X .25

XX - Number of Terminals

### Individual Screw Terminals



Catalog #	A	B	C
601 GP 2108 XX	0.44	0.09	6-32 NC X .25

XX - Number of Terminals