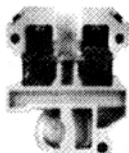


Screw Clamp (SAK-Series) For TS32 DIN-Rail

Feed-through Terminal Blocks	Type	AWG	Rating	Dimensions (LxWxH in inches)	Part No. (Melamine)	Part No. (Polyamide)
Single Level	SAKD 2.5 N	28-12	300V/20A	.20/1.73/1.5		21556
Single Level	SAK 2.5	22-12	600V/20A	.24/1.77/1.57	27962	27966
Single Level	SAK 4	22-10	600V/30A	.26/1.77/1.73	12832	12836
Single Level	SAK 6N	22-8	600V/40A	.32/1.58/2.07	19222	19326
Single Level	SAK 10	14-6	600V/60A	.4/1.58/2.07	11002	11006
Single Level	SAK 16	12-4	600V/80A	.47/1.97/2.26	27102	27106
Single Level	SAK 35N	12-2	600V/100A	.63/2.28/2.66	55062	55066
Single Level	SAK 35	6-2	600V/105A	.71/2.28/2.66	30352	30356
Single Level	SAK 70	4-2/0	600V/150A	.87/2.95/3.13	34082	
Single Level	SAK 95N	6-3/0	600V/195A	1.1/3.3/3.96	55052	
Dual Level	DK 4 Q	22-12	300V/27A	.24/2.13/2.36		59006
Dual Level (Branch)	DK 4 QV	22-12	300V/27A	.24/2.13/2.36		59026
Fuse Terminal Blocks						
Single Level (5 x 20 or 5 x 25 mm Fuse)	ASK 1	22-12	300V/10A	.31/2.28/1.79		47456
with 24 VDC Hinge - BFI**	ASK 1	22-12	300V/6.3A	.31/2.28/1.79		990791
with 24 VDC Hinge + BFI**	ASK 1	22-12	300V/6.3A	.31/2.28/1.79		990830
with 120 VAC BFI**	ASK 1	22-12	300V/6.3A	.31/2.28/1.79		990790
Single Level (5 x 20 mm Fuse)	SAKS 1	22-10	600V/6A	.51/2.13/2.4	19122	
Single Level (1 1/4" x 1" Fuse)	SAKS 3	20-10	600V/10A	.51/2.13/2.4	24892	
Single Level (1 1/2" x 13/32" Fuse)	SAKS 4	20-8	600V/30A	.94/2.95/2.87	16222	
Fuse and Feed Through	KDKS 1	22-12	300V/10/20A*	.31/2.89/2.35		950335
with 24 VDC Hinge - BFI**	KDKS 1	22-12	300V/10/20A*	.31/2.89/2.35		990850
with 24 VDC Hinge + BFI**	KDKS 1	22-12	300V/10/20A*	.31/2.89/2.35		990851
with 120 VAC BFI**	KDKS 1	22-12	300V/10/20A*	.31/2.89/2.35		990852
Disconnect Terminal Blocks						
with knife switch	SAKR	22-12	300V/10A	6.5/1.81/1.65	41212	41216
with diode plugs	SAKRD	22-12	300V/10A	6.5/1.81/2.24		41296
with pull pin	SAKC 4	22-12	300V/25A	.26/1.57/2.04	34072	
with pull pin	SAKC 10	22-8	600V/25A	.47/2.56/2.76	32402	
Ground Terminal Blocks						
Single Level	EK 2.5 N	22-12		.24/1.44/1.95		47436
Single Level	EK 4	22-10		.31/1.58/2.03		35456
Single Level	EK 10	14-6		.39/1.58/2.03		35466
Single Level	EK 16	6-2		.47/1.97/2.26		37466
Single Level	EK 35	6-2		.71/2.28/2.66		35476
Accessories						
Rail (steel) Solid	TS32 X 7.5					12280
End bracket	EWK					49516
End plate, Jumper assemblies, Test plugs, adapters and Dekafix marking tags	Information available upon request.		* 10A upper-level (fused); 20A lower-level (feed-through) ** Blown Fuse Indication			

Features:

- Expanded marking options; ideal for use with PLC circuitry
- Vibration-proof clamping system made from corrosion-resistant, zinc-plated steel.
- Molding made of Polyamide, a thermoplastic that combines a UL 94 V-2 rating, an operating temperature range to 232°F.
- Moldings made of melamine provide an operating temperature of 266°F.
- Conforms to international standards: UL, CSA, VDE



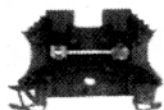
Weidmüller offers many other terminal blocks, including our popular Screw Clamp (W-Series and SAK Series for TS 35 DIN-Rail), Tension Clamp (Z-Series), a full line of terminal strips that mount directly to your panel, and specialty blocks including multi-level blocks and thermo-couple blocks. Call for details.

Screw Clamp (W-Series) For TS35 DIN-Rail

Feed-through Terminal Blocks	Type	AWG	Rating	Dimensions (LxWxH in inches)	Part No.
Single Level	WDU 2.5N	22-12	300V/25A	0.2/1.73/1.48	102370
Single Level	WDU 2.5	22-12	600V/25A	0.2/2.36/1.85	102000
Single Level	WDU 4	22-10	600V/35A	.24/2.36/1.85	102010
Single Level	WDU 6	20-8	600V/45A	.31/2.36/1.85	102020
Single Level	WDU 10	16-6	600V/65A	.39/2.36/1.85	102030
Single Level	WDU 16N	14-6	600V/70A	.47/2.36/1.85	103610
Single Level	WDU 16	14-6	600V/70A	.47/2.36/2.48	102040
Single Level	WDU 35	12-2	600V/115A	.63/2.36/2.48	102050
Dual Level	WDK 2.5	22-12	600V/20A	0.2/2.72/2.48	102150
Dual Level (Branch)	WDK 2.5V	22-12	600V/20A	0.2/2.72/2.48	102230
Single Level with Ground	WDK 2.5 DU-PE	22-12	600V/20A	0.2/2.72/2.48	103640
Fuse Terminal Blocks					
Single Level (5 x 20 or 5 x 25 mm fuses)	WSI 6	22-8	600V/10A	.31/2.36/2.36	101100
with 12VDC/10-28VAC LED	WSI 6 LED	22-8	600V/10A	.31/2.36/2.76	101130
with 15-30VDC/30-60VAC LED	WSI 6 LED	22-8	600V/10A	.31/2.36/2.76	101220
with 40-60VDC/80-120VAC LED	WSI 6 LED	22-8	600V/10A	.31/2.36/2.76	101230
with 110VDC/220VAC LED	WSI 6 LED	22-8	600V/10A	.31/2.36/2.76	101240
Single Level (1 1/4" x 1/4")	WSI 6/2	20-8	600V/20A	.47/2.36/2.64	101400
with 12VDC/10-28VAC LED	WSI 6/2 LED	20-8	600V/16A	.47/2.36/3.11	101410
with 15-30VDC/30-60VAC LED	WSI 6/2 LED	20-8	600V/16A	.47/2.36/3.11	101420
with 40-60VDC/80-120VAC LED	WSI 6/2 LED	20-8	600V/16A	.47/2.36/3.11	101430
with 110VDC/220VAC LED	WSI 6/2 LED	20-8	600V/16A	.47/2.36/3.11	101440
Fuse and Feedthrough	KDKS 1	22-12	300V/10A/20A*	.31/2.89/2.19	950335
Fuse and Feedthrough with Ground	KDKS 1/PE	22-12	300V/10A/20A*	.31/3.6/2.57	952811
Disconnect Terminal Blocks					
Knife switch	WTR 2.5	22-12	300V/10A	0.2/2.36/1.93	101110
with test sockets	WTR 2.5	22-12	300V/10A	0.2/2.36/1.93	101120
with diode plug	WTR 2.5 D	22-12	300V/10A	0.2/2.36/1.93 †	101320
Ground Terminal Blocks					
Single Level	WPE 2.5N	22-12		0.2/1.73/1.45	101620
Single Level	WPE 2.5	22-12		0.2/2.36/1.85	101000
Single Level	WPE 4	22-10		.24/2.36/1.85	101010
Single Level	WPE 6	20-8		.31/2.36/1.85	101020
Single Level	WPE 10	16-8		.39/2.36/1.85	101030
Single Level	WPE 16	14-6		.47/2.36/2.48	101040
Single Level	WPE 35	12-2		.63/2.36/2.48	101050
Accessories					
Rail (steel) slotted	TS35 x 7.5				51450
End bracket	EW 35				38356
End plate profile 2.5-16N terminal blocks	WAP 2.5-10				105000
End plate profile 16-35 terminal blocks	WAP 16-35				105010
Combination end plate and end bracket					
profile 2.5-16N terminal blocks	WEW 35/2				106120
profile 16-36 terminal blocks	WEW35/1				105900
Jumper assemblies, test plugs, adaptors, WS and Dekafix marking tags	Information available upon request.		† .197x2.36x2.63 for WSD * 10A upper-level (fused), 20A lower-level (feed-through)		

4

TERMINAL BLOCKS


Features

- High Density: 0.2 inches per block for AWG 12.
- Touch-safe: Completely insulated current-carrying components including jumpers.
- Expanded marking options: Ideal for use with PLC circuitry.
- Vibration-proof clamping system made from corrosion-resistant zinc-plated steel.
- Moldings made of Wemid, a thermoplastic that combines a UL 94 V-O, an operating temperature range to 250°F and the resilience of nylon.
- Conforms to international standards: UL, CSA, VDE.

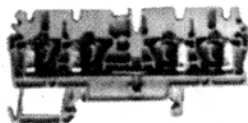
Weidmüller offers many other terminal blocks, including our popular screw clamp (SAK-Series for TS32 or TS35 DIN-Rail), tension clamp (Z-Series), a full line of terminal strips that mount directly to your panel, and specialty blocks including multi-level blocks and thermo-couple blocks. Call for details.

Tension Clamp (Z-Series) For TS35 DIN-Rail

Feed-through Terminal Blocks	Type	AWG	Rating	Dimensions (LxWxH in inches)	Part No.	End Plate
Single Level	ZDU 2.5	26-12	600V/25A	.20/2.34/1.54	160851	160874
Single Level	ZDU 4	26-10	600V/33A	.24/2.44/1.71	163205	163209
Single Level	ZDU 6	22-8	600V/38A	.32/2.56/1.79	160862	160883
Single Level - 3 Clamp Branch	ZDU 2.5/3AN	26-12	600V/25A	.20/2.52/1.54	160854	160877
Single Level - 4 Clamp Branch	ZDU 2.5/4AN	26-12	600V/25A	.20/3.11/1.54	160857	160880
Dual Level	ZDK 2.5/1.5	22-12	300V/20A*	.20/3.11/2.13	167430	167473
Dual Level (Branch)	ZDK 2.5/1.5V	22-12	300V/20A*	.20/3.11/2.13	168999	167473
Single Level with Ground	ZDK 2.5/1.5DU-PE	22-12	300V/20A*	.20/3.11/2.13	168997	167473
Fuse Terminal Blocks						
Single Level (5 x 20 or 5 x 25 mm fuses)	ZSI 2.5	26-12	300V/10A	.35/3.11/2.91	161640	160880
with 15-30VDC/30-60VAC LED	ZSI 2.5 LED	26-12	300V/10A	.35/3.11/2.91	161643	160880
with 40-60VDC/80-120VAC LED	ZSI 2.5 LED	26-12	300V/10A	.35/3.11/2.91	161642	160880
with 110VDC/220VAC LED	ZSI 2.5 LED	26-12	300V/10A	.35/3.11/2.91	161641	160880
with two 24VDC LEDs	ZSI 2.5	26-12	300V/10A	.35/3.11/2.91	161645	160880
Single Level (1/4" x 1 1/4")	ZSI 2.5/2	26-12	600V/16A	.47/3.11/2.90	161646	Included
with 5-14VDC/10-24VAC LED	ZSI 2.5/2 LED	26-12	600V/16A	.47/3.11/2.90	161647	Included
with 15-30VDC/30-60VAC LED	ZSI 2.5/2 LED	26-12	300V/16A	.47/3.11/2.90	161648	Included
with 40-60VDC/80-120VAC LED	ZSI 2.5/2 LED	26-12	600V/16A	.47/3.11/2.90	161649	Included
with 110VDC/220VAC LED	ZSI 2.5/2 LED	26-12	600V/16A	.47/3.11/2.90	161650	Included
Disconnect Terminal Blocks						
Single Level with knife switch	ZTR 2.5	26-12	300V/10A	.20/3.27/1.61	160868	160877
with knife switch - 3 Clamp Branch	ZTR 2.5/3AN	26-12	300V/10A	.20/2.68/1.61	166830	160880
with diode plug (+ Diode)	ZTR 2.5D	26-12	300V/10A	.20/2.68/1.61	160871	160877
with diode plug (- Diode)	ZTR 2.5D	26-12	300V/10A	.20/2.68/1.61	160872	160877
Ground Terminal Blocks						
Single Level	ZPE 2.5	26-12		.20/2.48/1.54	160864	160874
Single Level	ZPE 4	26-10		.24/2.44/1.71	163208	163209
Single Level	ZPE 6	22-8		.32/2.52/1.79	160867	160883
Single Level - 3 Clamp Branch	ZPE 2.5/3AN	26-12		.20/2.52/1.54	160865	160877
Single Level - 4 Clamp Branch	ZPE 2.5/4AN	26-12		.20/3.11/1.54	160866	160880
Dual Level (Branch)	ZDK 2.5/1.5PE	22-12		.20/3.11/2.13	169000	167473
Accessories						
Rail (steel)	TS35 x 7.5				38340	
End bracket	EW 35				38356	
Jumper assemblies, test plugs and adaptors, WS & Dekafix marking tags	Information available upon request.		* Pending			

Features

- Vibration-proof clamping system made from corrosion-resistant stainless steel.
- High Density: 0.2 inches per block for AWG 12.
- Touch-safe: Completely insulated current-carrying components including jumpers.
- Expanded marking options: Ideal for use with PLC circuitry.
- Moldings made of Wemid, a thermoplastic that combines a UL 94 V-O, an operating temperature range to 250°F and the resilience of nylon.
- Conforms to international standards: UL, CSA, VDE.



Weidmüller offers many other terminal blocks, including our popular screw clamp (W-Series for TS35 DIN-Rail and SAK-Series for TS32 and TS35 DIN-Rail), a full line of terminal strips that mount directly to your panel, and specialty blocks including multi-level blocks and thermo-couple blocks. Call for details.

4 T E R M I N A L B L O C K S

Tools

Stripping Tools	Type	Part No.
for AWG 20-12	Stripax	900500
for AWG 28-18	Mini-Stripax	900128
Screwdrivers		
Blade tip 0.5x3.0 mm	Jumpers	903700
Blade tip to 0.6x3.0 mm	WDU 2.5, 4	903701
Blade tip to 0.8x4.0 mm	WDU 6	903702
Blade tip to 1.0x5.5 mm	WDU 10, 16, 35	903703

LP 5.08 mm

Single Level

	LP 5.08/90° Without test points	LP 5.08/135° With test points
Poles	Part No.	Part No.
2	159454	159574
3	159455	159570
4	995132	995216
5	995133	995217
6	995134	995218
7	995135	995219
8	995136	995220
9	995137	995221
10	995138	995222
11	995139	995223
12	995140	995224
13	995141	995225
14	995142	995226
15	995143	995227
16	995144	995228

Double-level

	LP 2N5.08/90° Low profile Offset left	LP 2H5.08/90° High profile Offset left	LP 2HR5.08/90° High profile Offset right
Poles	Part No.	Part No.	Part No.
4	163515	166863	163629
6	162555	162559	163630
8	159647	159669	163631
10	159650	159671	163632
12	163256	163286	166864
14	163257	163287	166865
16	159652	159673	163633
18	163258	163288	166866
20	159656	159675	163634
22	163259	163289	166867
24	159660	159677	163635
26	163260	163290	166868
28	163261	163291	166869
30	159664	159679	163636
32	163262	163292	166870

Triple-level

	LP3R/5.08/90° Without test points
Poles	Part No.
6	165394
9	159633
12	159635
15	159637
18	159639
21	163301
24	159641
27	163302
30	159643
33	163303
36	163304
39	163305
42	163306
45	163307
48	163308

Technical Data

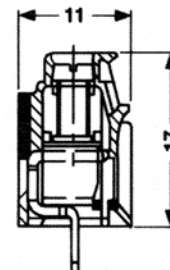
UL*

Ratings:	300 V/10 A
Wire Size:	26...12 AWG
Strip Length mm (in.)	7 (.24)
Molding Material	Polyamide
Connection	Screw Clamp

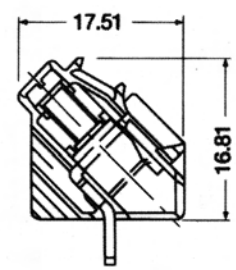
CSA*

Ratings:	300 V/10 A
Wire Size:	26...12 AWG
Strip Length mm (in.)	7 (.24)
Molding Material	Polyamide
Connection	Screw Clamp

*Standard UL 1059 • Standard CSA C22.2 No. 158

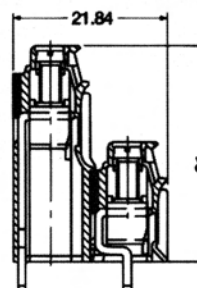
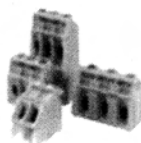


5.08/90°
Single-level
High profile

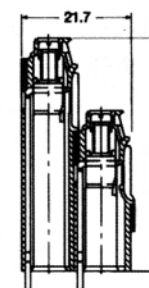


5.08/135°
Single-level

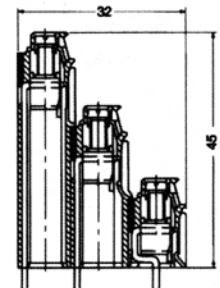
- All LP 5.08 mm PCB single-level terminal blocks are available to 24 poles (48 for double-level, 72 for triple-level).
- Part numbers listed are for orange moldings. Single-level LP 5.08 terminal blocks are also available with black moldings. Alternate colors are available upon request.
- This is a partial listing of the LP series of products.



5.08/90°
Double-level
Low profile



5.08/90°
Double-level
High profile



5.08/90°
Triple-level

BL/SL 3.50 mm Series

3.50/180° Plugs

3.50/180° Headers

3.50/90° Headers

Poles	Locking Part No.	Non-Locking Part No.	Open End Non-Locking Part No.	Closed End Non-Locking Part No.	Closed End Locking Part No.	Open End Non-Locking Part No.	Closed End Non-Locking Part No.	Closed End Locking Part No.
2	161578	161567	161421	161424	161614	161413	161416	161553
3	161579	161568	161593	161602	161615	161530	161542	161554
4	161580	161569	161594	161603	161616	161531	161543	161555
5	161581	161409	161595	161604	161617	161532	161417	161556
6	161582	161018	161015	161605	161618	161533	161544	161557
7	161583	161019	161016	161606	161619	161534	161545	161558
8	161584	161570	161422	161425	161427	161414	161418	161420
9	161585	161571	161596	161607	161620	161535	161546	161559
10	161586	161020	161017	161608	161621	161536	161547	161560
11	161587	161572	161597	161609	161622	161537	161548	161561
12	161588	161573	161598	161610	161623	161538	161549	161562
13	161589	161574	161599	161611	161624	161539	161550	161563
14	161590	161575	161600	161612	161625	161540	161551	161564
15	161591	161576	161601	161613	161626	161541	161552	161565
16	161592	161577	161423	161426	161627	161415	161419	161566

Technical Data

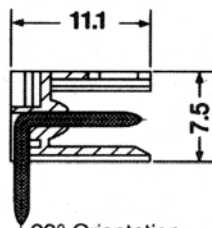
UL*

CSA*

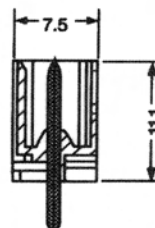
Pitch	3.50 mm	3.50 mm
Ratings	300 V/10 A	300 V/10 A
Wire Size	22...14 AWG	28...14 AWG
Strip Length mm (in.)	7 (.24)	7 (.24)
Torque Nm (lb. in.)	.25 (2.25)	.25 (2.25)
Pin Length	4.5 mm (Standard)**	
Molding Material	PBT (Polyester)	
Connection	Screw Clamp	

*Standard UL 1059 • Standard CSA C22.2 No. 158

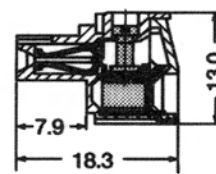
** Other lengths available upon request



90° Orientation
Header

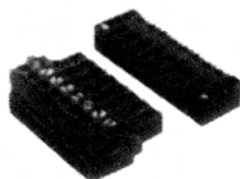


180° Orientation
Header

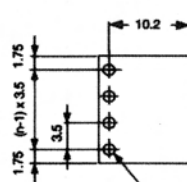


180° Orientation
Plug

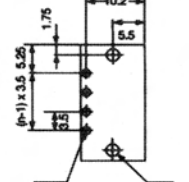
- All BL/SL 3.50 mm Series plugs and headers are available to 24 poles.
- Plugs and headers are supplied with black moldings. Alternate colors are available upon request.
- This is a partial listing of the BL/SL 3.50 mm family of products.



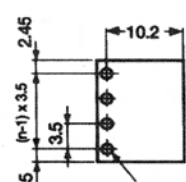
90° Headers



Open End

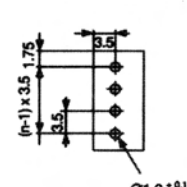


Closed End
Locking

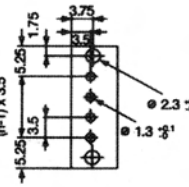


Closed End
Non-Locking

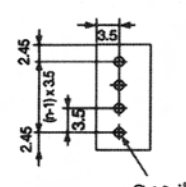
180° Headers



Open End



Closed End
Locking



Closed End
Non-Locking

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BLZ/SL 5.08 mm Series

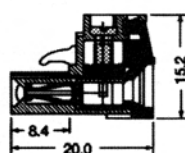
5.08/180° Plugs			5.08/90° Plugs			5.08/270° Plugs			5.08/180° Headers		5.08/90° Headers	
	Locking	Non-Locking	Locking	Non-Locking	Locking	Non-Locking	Locking	Non-Locking	Open End Non-Locking	Closed End Locking	Open End Non-Locking	Closed End Locking
Poles	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
2	152876	152646	155506	155276	155966	155736	152186	152416	151266	151496		
3	152886	152656	155516	155286	155976	155746	152196	152426	151276	151506		
4	152896	152666	155526	155296	155986	155756	152206	152436	151286	151516		
5	152906	152676	155536	155306	155996	155766	152216	152446	151296	151526		
6	152916	152686	155546	155316	156006	155776	152226	152456	151306	151536		
7	152926	152696	155556	155326	156016	155786	152236	152466	151316	151546		
8	152936	152706	155566	155336	156026	155796	152246	152476	151326	151556		
9	152946	152716	155576	155346	156036	155806	152256	152486	151336	151566		
10	152956	152726	155586	155356	156046	155816	152266	152496	151346	151576		
11	152966	152736	155596	155366	156056	155826	152276	152506	151356	151586		
12	152976	152746	155606	155376	156066	155836	152286	152516	151366	151596		
13	152986	152756	155616	155386	156076	155846	152296	152526	151376	151606		
14	152996	152766	155626	155396	156086	155856	152306	152536	151386	151616		
15	153006	152776	155636	155406	156096	155866	152316	152546	151396	151626		
16	153016	152786	155646	155416	156106	155876	152326	152556	151406	151636		

Technical Data

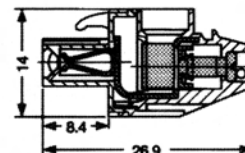
	UL*	CSA*
Pitch	5.08 mm	5.08 mm
Ratings	300 V/10 A	300 V/10 A
Wire Size	22...12 AWG	28...12 AWG
Strip Length mm (in.)	7 (.24)	7 (.24)
Torque Nm (lb. in.)	.50 (4.50)	.50 (4.50)
Pin Length	4.5 mm (Standard)**	
Molding Material	PBT (Polyester)	
Connection	Screw Clamp	

*Standard UL 1059 • Standard CSA C22.2 No. 158

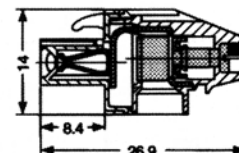
** Other lengths available upon request



180° Orientation Plug



90° Orientation Plug

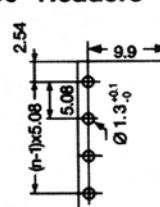


270° Orientation Plug

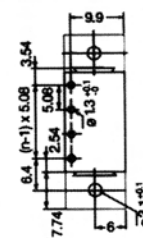
- All BLZ/SL 5.08 mm Series plugs and headers are available to 24 poles.
- Plugs and headers are supplied with orange and black moldings. Only numbers for orange parts are listed on this page. Alternate colors are available upon request.
- This is a partial listing of the BLZ/SL 5.08 mm family of products.



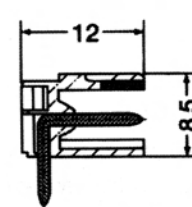
90° Headers



Open End Non-Locking

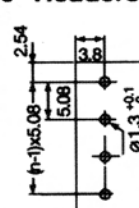


Closed End Locking

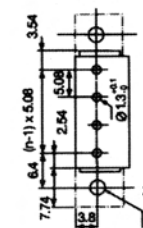


Orientation

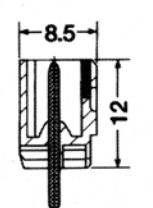
180° Headers



Open End Non-Locking



Closed End Locking



Orientation