



浙江芯芯电子有限公司
ZHEJIANG XINXIN ELECTRICAL CO., LTD.

产品规格书

Specification of Products

产品名称：三相整流桥模块

产品型号：SQL3510

浙江芯芯电子有限公司

ZHEJIANG XINXIN ELECTRICAL CO., LTD.

地址：浙江省缙云县壶镇镇浙江丽缙五金科技产业园苍山区块内

电话：13857067071

邮编：321404

E-mail: 247145749@qq.com

<http://www.zjxxdz1.com>

拟制	审核	核准
丁国盛	李园利	麻伟阳

版本号：04 更新日期：2022.6.28

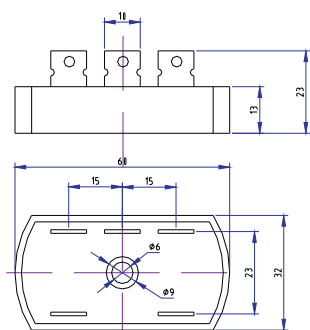
Silicon-Bridge Rectifiers

SKBPC 3510 SKBPC 3512 SKBPC 3516

Product Picture:



TYPE: SKBPC3516 W



Dimensions / **Ma** in mm

Nominal current 35 A

Alternating input voltage 1000-1600 V

Dimensions 32 x 60 x 13 [mm]

Weight approx. 46 g

Standard packaging bulk

Maximum ratings

Grenzwerte

Type	Alternating input volt. V_{VRMS} [V]	Rep. peak reverse voltage V_{RRM} [V]	Surge peak reverse voltage V_{RSM} [V]
SKBPC3510	600	1000	1200
SKBPC3512	800	1200	1400
SKBPC3516	1000	1600	1800
Repetitive peak forward current		$f > 15 \text{ Hz}$	I_{FRM} 84 A
Peak forward surge current, 50Hz half sine-wave		$T_A = 25^\circ \text{C}$	I_{FSM} 233 A
Rating for fusing, $t < 10 \text{ ms}$		$T_A = 25^\circ \text{C}$	$i^2 t$ 272 A ² s
Operating junction temperature			T_j -40...+150°C
Storage temperature			T_s -40...+150°C

Silicon-Bridge Rectifiers

SKBPC 3510 SKBPC 3512 SKBPC 3516

Characteristics

Kennwerte

Max. current with cooling fin 300 cm ²	T _A =50°C	R-load	IFAV	35.0 A
Forward voltage	T _j =25°C	IF=11.5A	VF	< 1.2 V
Leakage current	T _j =25°C	V _R =V _{RRM}	I _R	< 10 μA
Isolation voltage terminals to case			V _{ISO}	>2500 V
Thermal resistance junction to case			R _{thC}	< 2.0 K/W
Admissible torque for mounting		M 5	2 ± 10 %	Nm

