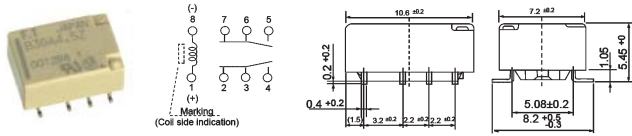


Signal Relays

FTR-B3 Series, SMD



Ultra miniature low profile relay for surface mounting, with high heat resistant material. Adopted superior contact spring for high frequency characteristic



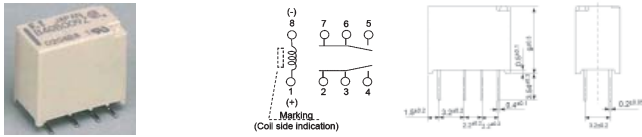
Technical Parameters		FTR-B3 xx
Contacts Type		DPDT
Maximal Switching Power		62,5 VA /30W
Maximal Switching Voltage		250Vac/220Vdc
Maximal Switching Current		2A
Insulating Voltage (coil-contact)		1500V
Operate/Release time		3ms/3ms
Dimensions [mm]		10,6x7,2x5,3mm

Part No.	Ord. No.	Description
O FTR-B3 GA 003 Z	51825	3V 64,3R
O FTR-B3 GA 4.5 Z	51823	4,5V 145R
S FTR-B3 GA 012 Z	7700	12V 1028R
S FTR-B3 GB 003 Z*	53014	3V 90R

* latching type - 1 coil.

FTR-B4 Series

Ultra miniature slim type relay. High reliable bifurcated gold overlay silver contact.



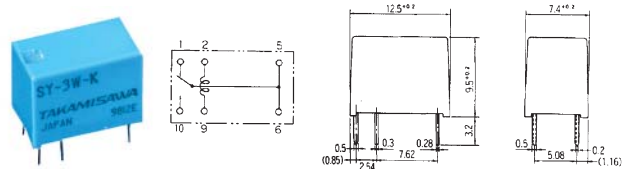
Technical Parameters		FTR-B4 xx
Contacts Type		DPDT
Maximal Switching Power		62,5 VA /30W
Maximal Switching Voltage		250Vac/220Vdc
Maximal Switching Current		2A
Insulating Voltage (coil-contact)		1500V
Operate/Release time		3ms/3ms
Dimensions [mm]		10,6x5,7x9mm

Part No.	Ord. No.	Description
O FTR-B4 CA 04.5 Z	70154	4,5V 145R
S FTR-B4 CA 012 Z	7701	12V 1028R
O FTR-B4 CA 024 Z	49719	24V 2504R
S FTR-B4 CB 4.5 Z*	9095	4,5V 203R

* latching type - 1 coil.

SY Series

Very small size and light weight, high sensitivity, wide ambient temperature range, wide operating range, DIL pitch terminals

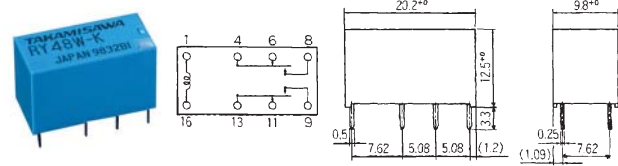


Technical Parameters		SY-xx W-K
Contacts Type		SPDT
Maximal switching power		60VA/24W
Maximal switching voltage		120Vac/60Vdc
Maximal switching current		1A
Insulating voltage (coil-contact)		1000Vac
Operate/Release time		5ms/2ms
Dimensions [mm]		7,4 x 12,5 x 9,5mm

Part No.	Ord. No.	Description
S SY-5 W-K	41319	5V 167R
S SY-12 W-K	31829	12V 960R
S SY-24 W-K	31830	24V 3290R

RY Series

Ultra high sensitivity, high reliability-bifurcated contacts, wide operating range, DIL pitch terminals

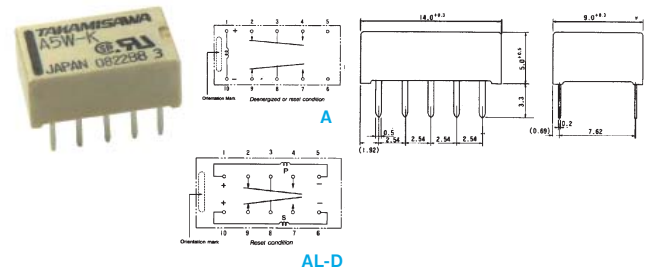


Technical Parameters		RY-xx W-K
Contacts Type		DPDT
Maximal Switching Power		60VA/24W
Maximal Switching Voltage		120Vac/60Vdc
Maximal Switching Current		1,25A
Insulating Voltage (coil-contact)		1000Vac
Operate/Release time		6ms/3ms
Dimensions [mm]		9,8x20,2x12,5mm

Part No.	Ord. No.	Description
S RY-5 W-K	2372	5V 165R
S RY-12 W-K	31827	12V 960R
S RY-24 W-K	31828	24V 2880R

A Series

Extremely low profile and light weight, high reliability-bifurcated contacts, wide operating range, DIL pitch terminals, AL- latching version, D- double winding type



Technical Parameters		A xx W-K, AL-D xx W-K
Contacts Type		DPDT
Maximal Switching Power		62,5VA/30W
Maximal Switching Voltage		125Vac/110Vdc
Maximal Switching Current		2 x 2A
Insulating Voltage (coil-contact)		1000Vac
Operate/Release time		6ms/4ms
Dimensions [mm]		5 x 14x9mm

Part No.	Ord. No.	Description
S A-5 W-K	2802	5V 178R
S A-12 W-K	31808	12V 1028R
S A-24 W-K	31809	24V 2880R
S AL-D5W-K	31810	5V 125R
O AL-D9W-K	31811	9V 405R
O AL-D12W-K	41321	12V 720R