

TOCOS® POTENTIOMETERS Cross Reference Guide

This Cross Reference Guide does not infer exact interchangeability in all instances. For further information concerning product substitutes, contact Tocos at 847-884-6664 or your Tocos representative.

Surface Mount Cermet Trimmers

3mm Square, Single-Turn, Sealed

B.I. Technologies (Beckman)	Bourns		Murata	Nidec Copal		Vishay/Sfernice	TOCOS®
- Slot	- Slot	+ Slot	+ Slot	+ Slot		- Slot	+ Slot
22A	3313J-1	3313J-2	PVG3A*	ST-32ETA		TS3Y-J	G32A
			PVG3G*	ST-32ETB			G32B

* Indicates parts that are Not Flow solderable.

4mm Square, Single-Turn, Sealed

B.I. Technologies (Beckman)	Bourns		Murata	Nidec Copal		Vishay/Sfernice	TOCOS®
- Slot	- Slot	+ Slot	+ Slot	- Slot	+ Slot	+ Slot	+ Slot
23A	3314J-1	3314J-2	PVM4	ST-4EA	ST-42EA	TS4 YJ, ST53 YJ	G43A
23B	3314G-1	3314G-2		ST-4EB	ST-42EB	TS4 YL, ST53 YL	G43B
	3314H-1	3314H-2		ST-4EC	ST-42EC		G43C
23S, 23Z	3314S-1, 3314Z-3	3314S-2, 3314Z-4		ST-4EG	ST-42EG		G43SA

4mm Square, Multi-Turn, Sealed

B.I. Technologies (Beckman)		Bourns		Murata	Nidec Copal		Vishay/Sfernice	TOCOS®
9-Turn	15-Turn	11-Turn	5-Turn	11-Turn	11-Turn	5-Turn	11-Turn	12-Turn
44J	45J	3224J	3214J	PVG5H	SM-42A	SM-43A	TSM4 ZJ, TSM43 ZJ	GV4J
44G	45G	3224G	3214G		SM-42B	SM-43B	TSM4 ZL, TSM43 ZL	GV4G
44W	45W	3224W	3214W	PVG5A	SM-42W	SM-43W	TSM4 YJ, TSM43 YJ	GV4W

2mm & 3mm Low Profile, Single-Turn, Open Frame

Size	B.I. Tech. (Beckman)	Bourns	Murata	Noble	Panasonic	TOCOS® HDK
2mm		3302X†, TC42	PVA2, PVZ2A**	TMC2KJ	EVM-2N, EVM-2W	VG026CHXT*
3mm	35W	TC33*, 3303X†	PVG3A, PVG3G	TMC3K, TMC3KJ	EVM-3W, EVM-3Y	VG039NCHXT*

* Indicates parts with mechanical rotation stops. Buyers responsibility to check PCB layout and sizes. ** Carbon

† Bourns X and W are taping codes for orientation of parts in carrier tape. X = Terminals point away from sprocket holes; W = Terminals point toward sprocket holes (part rotated 180° in pocket).

Through-Hole Single-Turn Cermet Trimmers

1/4" and 3/8" Square, Single-Turn, Sealed

B.I. Technologies (Beckman)		Bourns		Nidec Copal	Vishay/Sfernice	Vishay/Spectrol	TOCOS®
1/4"	3/8"	1/4"	3/8"	1/4"	1/4"	3/8"	1/4"
25P		3362P		CT-6EP, FT-63EP			GF063P
				CT-6EP, FT-63EP	T73YE		GF063P1
	72P	3362R	3386P	CT-6ER	T73YP	63P	GF063P2
25W		3362H		CT-6EW	T73YB		GF063W
25U		3362U	3386U	CT-6EV, FT-63EV	T73YU		GF063U
	72PL		3386T				GF063U1
			3386Y				GF063Y
	72PM		3386F			63M	GF063Y1
25X	72RX	3362X	3386H	CT-6EN, FT-63EN	T73XH		GF063X
25RX	72X	3362W	3386X	CT-6EX, FT-63EX	T73XX	63X	GF063X1
25S		3362S	3386V	CT-6ES, FT-63ES			GF063S
		3362Z					GF063S1
25V	72RXL	3362M	3386W	CT-6EH, FT-63EH	T73XW		GF063V
	72XL		3386C			63S	GF063V1
		3362P		CT-6ETP, FT-63ETP			GF063PT
25UTR/AP		3362U		CT-6ETV, FT-63ETV			GF063UT, UT2
25VTR/AP		3362M		CT-6ETH, FT-63ETH			GF063VT, VT2

Through-Hole Cermet Trimmers are continued on other side.

TOCOS AMERICA, INC.

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Through-Hole Single-Turn Cermet Trimmers (Continued)

4mm Round, Single-Turn, Sealed

B.I. Technologies (Beckman)	Bourns	Murata	Nidec Copal	Vishay/Sfernice	TOCOS®
24W			RJ-4EW		GF04W
24S			RJ-4EWS		GF04S
					GF04V
24U					GF04U
					GF04VT
24UTR					GF04UT

1/4" Round, Single-Turn, Sealed

B.I. Technologies (Beckman)	Bourns	Murata	Nidec Copal	Vishay/Sfernice	TOCOS®
62M, (82M)	3329P	PV32P	RJ-6P	T7YA	RJC06P
62P, (82P)	3329H	PV32H	RJ-6W	T7YB	RJC06W
(82PA)	3329W	PV32N	RJ-6X		RJC06X
	3329S	PV32S	RJ-6S		RJC06S
62B			RJ-6F		RJC06F

1/2" Round, Single-Turn, Sealed

B.I. Technologies (Beckman)	Bourns	Murata	Nidec Copal	Vishay/Sfernice	TOCOS®
93P (Reverse Pin-out)			RJ-13P		G12P
			RJ-13S		G12S
					G12X

Through-Hole Multi-Turn Cermet Trimmers

1/4" Square, 2-Turn, Sealed

B.I. Technologies (Beckman)	Bourns	Murata	Nidec Copal	Vishay/Sfernice	TOCOS®
	3339P (4-Turn)	PV12P (4-Turn)	TM-7EP		GV6P
	3339S (4-Turn)	PV12S (4-Turn)	TM-7ES		GV6S

1/4" Square, 11-Turn, Sealed

B.I. Technologies (Beckman)	Bourns	Murata	Nidec Copal	Vishay/Sfernice	TOCOS®
64W	3262W, 3266W	PV37W	RJ-5EW	T63YB	RJC26W
64X	3262X, 3266X	PV37X	RJ-5EX	T63XB	RJC26X

3/8" Square, 20-Turn, Sealed

B.I. Technologies (Beckman)	Bourns		Murata	Nidec Copal		Vishay/Sfernice	Vishay/Spectrol	TOCOS®
67P	3296P	3299P*	PV36P	CT-94EP	CT-9EP*	T93Z	64P	J9P
67W	3296W	3299W*	PV36W	CT-94EW	CT-9EW*	T93YA	64W	J9W
67X	3296X	3299X*	PV36X	CT-94EX	CT-9EX*	T93XA	64X	J9X
67Y	3296Y	3299Y*	PV36Y	CT-94EY		T93YB	64Y	J9Y
67Z	3296Z	3299Z*	PV36Z	CT-94EZ		T93XB	64Z	J9Z

* Wider body size, same pin-out.

3/4" Rectilinear, 15-Turn, Sealed

B.I. Technologies (Beckman)	Bourns	Murata	Nidec Copal	Vishay/Sfernice	TOCOS®
89P	3006P	PV23P*	CT-20EP	T18	RJC097P
89X	3006Y	PV23Y*	CT-20EX		RJC097X

* Murata is phasing out PV23.

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