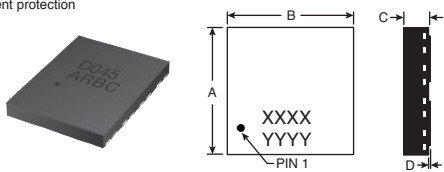


BOURNS High Speed Protectors

RoHS Compliant This product is RoHS compliant.

DUAL TRANSIENT CURRENT SUPPRESSORS TCS-DL SERIES

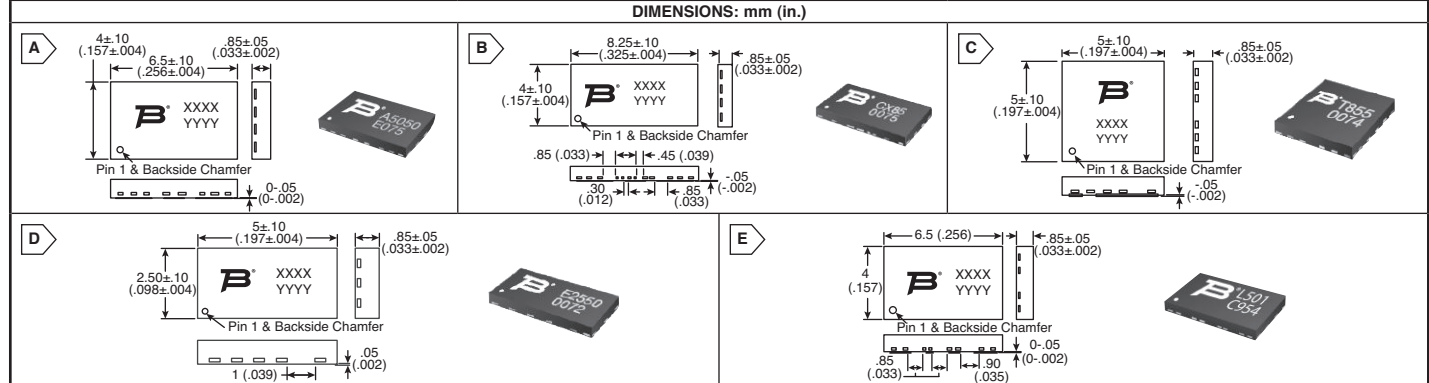
- Features:**
- High-speed performance
 - Superior overcurrent protection
 - Bidirectional



Dimensions: mm (in.)				
	A (Max.)	B (Max.)	C (Max.)	D (Max.)
652-TCS-DL004-250-WH	4.10 (.161)	2.60 (.102)	.90 (.035)	.05 (.002)
652-TCS-DL004-500-WH	4.10 (.161)	3.6 (.142)	.90 (.035)	.05 (.002)
652-TCS-DL004-750-WH	4.10 (.161)	4.6 (.181)	.90 (.035)	.05 (.002)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		V _{imp} (V)	I Trigger Max (mA)	RON (Ω)	Price Each			Reel Qty.
Mfr.	Mfr. Part No.				1	500	1000	
652	TCS-DL004-250-WH	40	500	3.0	1.11	.51	.44	.42
652	TCS-DL004-500-WH	40	1000	1.8	1.26	.64	.62	.62
652	TCS-DL004-750-WH	40	1500	1.3	1.32	.86	.82	.80



TBU™ HIGH SPEED PROTECTORS CA, CK, DT, KE, PK AND PL SERIES

- Features:**
- Operating Temperature Range CA and CX series: -40°C to +125°C
 - Operating Temperature Range PK and PL series: -55°C to +125°C
 - Storage Temperature Range: -65°C to +150°C
 - Overcurrent and overvoltage protection

- Applications: CA, CX, DT and KE Series:**
- Protection modules and dongles
 - Process control equipment
 - Test and measurement equipment
 - Voice/VDSL cards - CA and CX series
 - General electronics
 - Ethernet ports - DT series
 - Set top box LNB ports - KE series

- Applications: PK and PL Series:**
- SLIC protection
 - Cable and DSL
 - MDU/MTU modems
 - ONT
 - Voice/VDSL cards

CA Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	V _{imp} (V)	V _{rms} (V)	RTBU Max. (Ω)	Price Each				Reel Qty.
Mfr.	Mfr. Part No.					1	500	1500	3000	
652	TBU-CA025-050-WH	A	250	100	15.3	1.79	1.51	1.24	1.10	1.10
652	TBU-CA025-100-WH	A	250	100	8.2	1.79	1.51	1.24	1.10	1.10
652	TBU-CA025-200-WH	A	250	100	4.8	1.79	1.51	1.24	1.10	1.10
652	TBU-CA025-300-WH	A	250	100	3.8	1.79	1.51	1.24	1.10	1.10
652	TBU-CA025-500-WH	A	250	100	3.0	1.79	1.51	1.24	1.10	1.10
652	TBU-CA040-050-WH	A	400	200	16.5	1.79	1.51	1.24	1.10	1.10
652	TBU-CA040-100-WH	A	400	200	9.4	1.79	1.51	1.24	1.10	1.10
652	TBU-CA040-200-WH	A	400	200	6.0	1.79	1.51	1.24	1.10	1.10
652	TBU-CA040-300-WH	A	400	200	5.0	1.79	1.51	1.24	1.10	1.10
652	TBU-CA040-500-WH	A	400	200	4.2	1.79	1.51	1.24	1.10	1.10
652	TBU-CA050-050-WH	A	500	250	18.0	1.79	1.51	1.24	1.10	1.10
652	TBU-CA050-100-WH	A	500	250	10.9	1.79	1.51	1.24	1.10	1.10
652	TBU-CA050-200-WH	A	500	250	7.5	1.79	1.51	1.24	1.10	1.10
652	TBU-CA050-300-WH	A	500	250	6.5	1.79	1.51	1.24	1.10	1.10
652	TBU-CA050-500-WH	A	500	250	5.7	1.79	1.51	1.24	1.10	1.10
652	TBU-CA065-050-WH	A	650	300	20.3	1.79	1.51	1.24	1.10	1.10
652	TBU-CA065-100-WH	A	650	300	13.2	1.79	1.51	1.24	1.10	1.10
652	TBU-CA065-200-WH	A	650	300	9.8	1.79	1.51	1.24	1.10	1.10
652	TBU-CA065-300-WH	A	650	300	8.8	1.79	1.51	1.24	1.10	1.10
652	TBU-CA065-500-WH	A	650	300	8.0	1.79	1.51	1.24	1.10	1.10
652	TBU-CA085-050-WH	A	850	425	24.5	1.79	1.51	1.24	1.10	1.10
652	TBU-CA085-100-WH	A	850	425	17.4	1.79	1.51	1.24	1.10	1.10
652	TBU-CA085-200-WH	A	850	425	14.0	1.79	1.51	1.24	1.10	1.10
652	TBU-CA085-300-WH	A	850	425	13.0	1.79	1.51	1.24	1.10	1.10
652	TBU-CA085-500-WH	A	850	425	12.2	1.79	1.51	1.24	1.10	1.10

CX Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	V _{imp} (V)	V _{rms} (V)	RTBU Max. (Ω)	Price Each				Reel Qty.
Mfr.	Mfr. Part No.					1	500	1500	3000	
652	TBU-CX050-VTC-WH	B	500	250	5.7	2.28	2.11	1.95	1.63	1.63
652	TBU-CX065-VTC-WH	B	650	300	8.0	2.28	2.11	1.95	1.63	1.63
652	TBU-CX085-VTC-WH	B	850	425	13.0	2.28	2.11	1.95	1.63	1.63

DT Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	V _{imp} (V)	V _{rms} (V)	RTBU Max. (Ω)	Price Each				Reel Qty.
Mfr.	Mfr. Part No.					1	500	1500	3000	
652	TBU-DT065-100-WH	C	650	300	10	2.04	1.20	1.08	1.08	1.08
652	TBU-DT065-200-WH	C	650	300	6.6	2.04	1.20	1.08	1.02	1.02
652	TBU-DT065-300-WH	C	650	300	5.6	2.04	1.20	1.08	1.02	1.02
652	TBU-DT085-100-WH	C	850	425	12.1	2.04	1.20	1.08	1.02	1.02
652	TBU-DT085-200-WH	C	850	425	8.7	2.04	1.20	1.08	1.02	1.02

DT Series (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	V _{imp} (V)	V _{rms} (V)	RTBU Max. (Ω)	Price Each				Reel Qty.
Mfr.	Mfr. Part No.					1	500	1500	3000	
652	TBU-DT085-300-WH	C	850	425	7.7	2.04	1.20	1.08	1.02	1.02
652	TBU-DT065-500-WH	C	650	300	4.8	2.04	1.95	1.49	1.35	1.35
652	TBU-DT085-500-WH	C	850	425	6.9	2.04	1.95	1.49	1.35	1.35

KE Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	V _{imp} (V)	V _{rms} (V)	RTBU Max. (Ω)	Price Each				Reel Qty.
Mfr.	Mfr. Part No.					1	500	1500	3000	
652	TBU-KE025-050-WH	D	250	100	14.6	.95	.63	.61	.51	.51
652	TBU-KE025-100-WH	D	250	100	7.5	.95	.85	.76	.70	.70
652	TBU-KE025-200-WH	D	250	100	4.1	.95	.85	.76	.70	.70
652	TBU-KE025-300-WH	D	250	100	3.1	.95	.85	.76	.70	.70
652	TBU-KE025-500-WH	D	250	100	2.3	.95	.63	.61	.51	.51
652	TBU-KE040-050-WH	D	400	200	14.6	.95	.85	.76	.70	.70
652	TBU-KE040-100-WH	D	400	200	8.1	.95	.85	.76	.70	.70
652	TBU-KE040-200-WH	D	400	200	4.7	.95	.85	.76	.70	.70
652	TBU-KE040-300-WH	D	400	200	3.7	.95	.85	.76	.70	.70
652	TBU-KE040-500-WH	D	400	200	2.9	.95	.85	.76	.70	.70
652	TBU-KE050-050-WH	D	500	250	16	.95	.63	.61	.51	.51
652	TBU-KE050-100-WH	D	500	250	8.9	.95	.85	.76	.70	.70
652	TBU-KE050-200-WH	D	500	250	5.5	.95	.85	.76	.70	.70
652	TBU-KE050-300-WH	D	500	250	4.5	.95	.85	.76	.70	.70
652	TBU-KE050-500-WH	D	500	250	3.6	.95	.63	.61	.51	.51

PK Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	V _{imp} (V)	V _{rms} (V)	RTBU Max. (Ω)	Price Each				Reel Qty.
Mfr.	Mfr. Part No.					1	500	1500	3000	
652	TBU-PK075-100-WH	E	750	400	90	1.33	1.19	.98	.85	.85
652	TBU-PK085-100-WH	E	850	425	90	1.80	1.19	.91	.86	.86

PL Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	V _{imp} (V)	V _{rms} (V)	RTBU Max. (Ω)	Price Each				Reel Qty.
Mfr.	Mfr. Part No.					1	500	1500	3000	
652	TBU-PL050-200-WH	E	500	300	55	1.26	.83	.81	.67	.67
652	TBU-PL050-300-WH	E	500	300	55	1.26	.83	.81	.67	.67
652	TBU-PL060-100-WH	E	600	350	55	1.26	.83	.81	.67	.67
652	TBU-PL060-200-WH	E	600	350	55	1.46	1.24	1.12	1.01	1.01
652	TBU-PL075-100-WH	E	750	400	55	1.33	1.19	1.09	.98	.98
652	TBU-PL075-200-WH	E	750	400	55	1.33	1.19	1.09	.98	.98
652	TBU-PL085-100-WH	E	850	425	55	1.33	.90	.85	.76	.76
652	TBU-PL085-200-WH	E	850	425	55	1.33	.90	.85	.76	.76

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