

## Polymeric positive temperature coefficient (PTC) resettable fuse cross reference guide

### Surface Mount (SMD) – Standard

#### 0603 (1608 metric) footprint

Eaton	Competitor A	Competitor B	Competitor C	Competitor D
PTS060315V004	0603L004	-	-	-
PTS060315V005	-	femtoSMDC005F	-	OZCM0005FF2G
PTS060315V010	0603L010	femtoSMDC010F	MF-FSMF010X	OZCM0010FF2G
PTS06036V035	0603L035	femtoSMDC035F	MF-FSMF035X	-
PTS06039V016	-	femtoSMDC016F	-	OZCM0016FF2G
PTS06039V020	0603L020	femtoSMDC020F	MF-FSMF020X	OZCM0020FF2G



#### 0805 (2012 metric) footprint

Eaton	Competitor A	Competitor B	Competitor C	Competitor D
PTS080524V010	0805L010 & 0805L010/24	picoSMDC010S	MF-PSHT010KX	OZCK0010AF2G & OZCK0010FF2G
PTS08056V020	0805L020	picoSMDC020S	MF-PSHT020KX	OZCK0020FF2G
PTS08056V035	0805L035	picoSMDC035S	MF-PSHT035KX	OZCK0035FF2G
PTS08056V050	0805L050	picoSMDC050S	MF-PSHT050KX	OZCK0050FF2E
PTS08056V075	0805L075	picoSMDC075S	-	OZCK0075FF2E



Cross references shown may differ in electrical properties and performance characteristics. Eaton recommends that customers review our suggestions and make the final selection based upon individual requirements. This list is for reference only. Eaton is not responsible for misapplications of our products.



Powering Business Worldwide

**1206 (3216 metric) footprint**

Eaton	Competitor A	Competitor B	Competitor C	Competitor D
PTS120660V005	1206L005/60	-	-	OZCJ0005FF2E
PTS120660V010	1206L010/60	nanoSMDC010F	-	OZCJ0010FF2E
PTS120630V012	1206L012	nanoSMDC012F	MF-NSMF012	OZCJ0012FF2E
PTS120630V016	1206L016	nanoSMDC016F	-	OZCJ0016FF2E
PTS120624V020	1206L020	nanoSMDC020F	MF-NSMF020	OZCJ0020FF2E
PTS120616V025	1206L25	nanoSMDC025F	MF-NSMF025X	OZCJ0025FF2E
PTS120616V035	1206L035 & 1206L035/16	nanoSMDC035F	MF-NSMF035 & MF-NSMF035X	OZCJ0035FF2G
PTS12066V050	1206L050	-	-	OZCJ0050FF2G
PTS120615V050	1206L050/15	nanoSMDC50F/13.2	MF-NSMF050	OZCJ0050AF2E
PTS12066V075	1206L075TH	nanoSMDC075F	MF-NSMF075	OZCJ0075FF2E
PTS12066V100	-	-	-	OZCJ0100FF2E
PTS12066V110	1206L110TH	nanoSMDC110F	MF-NSMF110	OZCJ0110FF2E
PTS12066V150	1206L150TH	nanoSMDC150F	MF-NSMF150	OZCJ0150FF2C
PTS12066V200	1206L200	nanoSMDC200F	MF-NSMF200	OZCJ0200FF2C

**1812 (4532 metric) footprint**

Eaton	Competitor A	Competitor B	Competitor C	Competitor D
PTS181230V010	1812L010	miniSMDC010F	MF-MSMF010	OZCG0010FF2C
PTS181260V014	1812L014	miniSMDC014F	MF-MSMF014	OZCG0014FF2C
PTS181230V020	1812L020	miniSMDC020F	MF-MSMF020	OZCG0020FF2C
PTS181216V035	1812L035/30	miniSMDC030F	MF-MSMF035	OZCG0035FF2C
PTS181216V050	1812L050	miniSMDC050F	MF-MSMF050	OZCG0050FF2C
PTS181213V075	1812L075	miniSMDC075F	MF-MSMF075	OZCG0075FF2C
PTS181224V075	1812L075/24	miniSMDC075F/24	MF-MSMF075/24	OZCG0075AF2B
PTS181233V075	1812L075/33	miniSMDC075F/33	MF-MSMF075/33X	OZCG0075BF2B
PTS18128V110	1812L110	miniSMDC110F	MF-MSMF110	OZCG0110FF2C
PTS181216V110	1812L110/16	miniSMDC110F/16	MF-MSMF010/16	OZCG0110AF2C
PTS181224V110	1812L110/24	miniSMDC110F/24	MF-MSMF010/24X	OZCG0110BF2B
PTS181216V125	1812L125/16	miniSMDC125F/16	-	OZCG0125AF2B
PTS18126V125	1812L125/6	miniSMDC125F	MF-MSMF125	OZCG0125FF2C
PTS18128V150	1812L150	miniSMDC150F	MF-MSMF150	OZCG0150FF2C
PTS181212V150	1812L150/12	miniSMDC150F/12	-	OZCG0150AF2C
PTS181224V150	1812L150/24	miniSMDC150F/24	MF-MSMF150/24X	OZCG0150BF2C
PTS18128V160	1812L160	miniSMDC160F	MF-MSMF160	OZCG0160FF2C
PTS18128V200	1812L200TH	miniSMDC200F	MF-MSMF200	OZCG0200FF2C
PTS18126V260	1812L260TH	miniSMDC260F	MF-MSMF260	OZCG0260FF2C
PTS18126V300	1812L300	miniSMDC300F	-	OZCG0300FF2B

**Low resistance (SMD)****0603 (1608 metric) footprint**

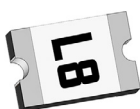
Eaton	Competitor A	Competitor B	Competitor C	Competitor D
PTSLR06036V125	-	-	MF-FSML125/8	-
PTSLR06036V150	0603L150SL	-	MF-FSML150/8	-
PTSLR06036V175	0603L175SL	-	MF-FSML175/8	-
PTSLR06036V200	0603L200SL-V	-	MF-FSML200/6	-
PTSLR06036V250	-	-	MF-FSML250/6	-
PTSLR06036V260	-	-	MF-FSML260/6	-
PTSLR06036V300	0603L300SL	-	MF-FSML300/6	-
PTSLR06038V050	0603L050SL	-	MF-FSML050/8	-
PTSLR06038V075	0603L075SL	-	MF-FSML075/8	-
PTSLR06038V100	0603L100SL	-	MF-FSML100/8	-

**0805 (2012 metric) footprint**

Eaton	Competitor A	Competitor B	Competitor C	Competitor D
PTSLR08056V075	0805L075SL	-	MF-PSML075	-
PTSLR08056V110	0805L110SL	-	MF-PSML110	-
PTSLR08056V150	0805L150SL	-	MF-PSML150	-
PTSLR08056V175	0805L175SL	-	MF-PSML175	-
PTSLR08056V400	0805L400SL	-	-	-
PTSLR08056V450	-	-	-	-
PTSLR08058V200	0805L200SLTH	-	MF-PSML200	-
PTSLR08058V260	-	-	MF-PSML260	-
PTSLR08058V300	0805L300SL	-	MF-PSML300	-
PTSLR08058V350	0805L350SL	-	MF-PSML350	-
PTSLR08058V380	-	-	-	-

**1206 (3216 metric) footprint**

Eaton	Competitor A	Competitor B	Competitor C	Competitor D
PTSLR12066V075	1206L075SL	-	-	-
PTSLR12066V110	1206L110SL	-	-	-
PTSLR12066V150	1206L150SL	-	MF-NSML150	-
PTSLR12066V175	1206L175SL	nanoSMD175LR	MF-NSML175	-
PTSLR12066V200	1206L200SL	nanoSMD200LR	MF-NSML200	-
PTSLR12066V260	1206L260SLTH	nanoSMD270LR	MF-NSML260	-
PTSLR12066V300	1206L300SLTH	-	MF-NSML300	-
PTSLR12066V350	1206L350SLTH	nanoSMD350LR	MF-NSML350	-
PTSLR12066V380	1206L380SLTH	nanoSMD380LR	MF-NSML380	-
PTSLR12066V400	1206L400SL	nanoSMD400LR	MF-NSML400	-
PTSLR12066V450	1206L450SL	nanoSMD450LR	MF-NSML450	-
PTSLR12066V500	1206L500SL-V	nanoSMD500LR-D	MF-NSML500	-
PTSLR12066V550	-	nanoSMD550LR	MF-NSML550	-
PTSLR12066V600	1206L600SL	nanoSMD600LR	MF-NSML600	-
PTSLR12066V650	-	-	-	-
PTSLR12066V700	-	-	-	-

**1210 (3225 metric) footprint**

Eaton	Competitor A	Competitor B	Competitor C	Competitor D
PTSLR12106V175	1210L150SL	-	MF-USML175	-
PTSLR12106V200	1210L200SL	microSMD200LR	MF-USML200	-
PTSLR12106V260	1210L260SL	-	MF-USML270	-
PTSLR12106V300	1210L300SL	-	MF-USML300	-
PTSLR12106V350	1210L350SL	microSMD350LR-D	MF-USML350	-
PTSLR12106V380	1210L380SL	microSMD380LR	MF-USML380	-
PTSLR12106V400	1210L400SL	microSMD400LR	MF-USML400	-
PTSLR12106V450	1210L450SL	microSMD450LR	MF-USML450	-
PTSLR12106V500	1210L500SL	microSMD500LR	MF-USML500	-
PTSLR12106V550	1210L550SL	microSMD550LR	-	-
PTSLR12106V600	1210L600SL	microSMD600LR	MF-USML600	-
PTSLR12106V650	-	-	MF-USML650	-
PTSLR12106V700	-	-	MF-USML700	-
PTSLR12106V750	-	-	-	-

**1812 (4532 metric) footprint**

Eaton	Competitor A	Competitor B	Competitor C	Competitor D
PTSLR18126V190	1812L190SL	-	-	-
PTSLR18126V260	1812L260SL	-	-	-
PTSLR18126V270	1812L270SL	-	-	-
PTSLR18126V300	1812L300SL	-	-	-
PTSLR18126V350	1812L350SL	-	-	-
PTSLR18126V370	1812L370SL	-	-	-
PTSLR18126V400	-	-	-	-
PTSLR18126V450	-	-	-	-
PTSLR18126V500	-	-	-	-



**16 Vdc family**

<b>Eaton</b>	<b>Competitor A</b>	<b>Competitor B</b>	<b>Competitor C</b>	<b>Competitor D</b>
PTR016V0090	16R090B	RUSBF090		OZRN0100FF1E
PTR016V0110	16R110B	RUSBF110		OZRN0100FF1E
PTR016V0135	16R135B	RUSBF135		
PTR016V0160	16R160B	RUSBF160		
PTR016V0185	16R185B	RUSBF185		
PTR016V0250	16R250G	RGEF250		
PTR016V0300	16R300G	RGEF300	MF-RG300	OZRA0300FF1C & OZRN0300FF1E
PTR016V0400	16R400G	RGEF400	MF-RG400	OZRA0400FF1E & OZRN0400FF1E
PTR016V0500	16R500G	RGEF500	MF-RG500	OZRA0500FF1E
PTR016V0600	16R600G	RGEF600	MF-RG600	OZRA0600FF1E & OZRN0600FF1A
PTR016V0700	16R700G	RGEF700	MF-RG700	OZRA0700FF1A & OZRN0700FF1A
PTR016V0800	16R800G	RGEF800	MF-RG800	OZRA0800FF1A & OZRN0800FF1A
PTR016V0900	16R900G	RGEF900	MF-RG900	OZRA0900FF1A & OZRN0900FF1A
PTR016V1000	16R1000G	RGEF1000	MF-RG1000	OZRA1000FF1A & OZRN1000FF1A
PTR016V1100	16R1100G	RGEF1100	MF-RG1100	OZRA1100FF1A & OZRN1100FF1A
PTR016V1200	16R1200G	RGEF1200	MF-RG1200	OZRA1200FF1A
PTR016V1300				OZRN1300FF1A
PTR016V1400	16R1400G	RGEF1400	MF-RG1400	OZRA1400FF1A & OZRN1400FF1A
PTR016V1500				OZRN1500FF1A

**30 Vdc family**

<b>Eaton</b>	<b>Competitor A</b>	<b>Competitor B</b>	<b>Competitor C</b>	<b>Competitor D</b>
PTR030V0090	30R090	RUEF090	MF-R090-0-09	OZRB0090FF1C & OZRG0090FF1E
PTR030V0110	30R110	RUEF110	MF-R110	OZRB0110FF1C & OZRG0110FF1E
PTR030V0135	30R135	RUEF135	MF-R135	OZRB0135FF1E & OZRG0135FF1E
PTR030V0160	30R160	RUEF160	MF-R160	OZRB0160FF1E & OZRG0160FF1E
PTR030V0185	30R185	RUEF185	MF-R185	OZRB0185FF1E & OZRG0185FF1E
PTR030V0250	30R250	RUEF250	MF-R250	OZRB0250FF1E & OZRG0250FF1E
PTR030V0300	30R300	RUEF300	MF-R300	OZRB0300FF1A
PTR030V0400	30R400	RUEF400	MF-R400	OZRB0400FF1A
PTR030V0500	30R500	RUEF500	MF-R500	OZRB0500FF1A
PTR030V0600	30R600	RUEF600	MF-R600	OZRB0600FF1A
PTR030V0700	30R700	RUEF700	MF-R700	OZRB0700FF1A
PTR030V0800	30R800	RUEF800	MF-R800	OZRB0800FF1A
PTR030V0900	30R900	RUEF900	MF-R900	OZRB0900FF1A

**60 Vdc family**

<b>Eaton</b>	<b>Competitor A</b>	<b>Competitor B</b>	<b>Competitor C</b>	<b>Competitor D</b>
PTR060V0010	60R010	RXEF010	MF-R010	OZRR0010FF1E
PTR060V0017	60R017	RXEF017	MF-R017	OZRR0017FF1E
PTR060V0020	60R020	RXEF020	MF-R020	OZRR0020FF1E
PTR060V0025	60R025	RXEF025	MF-R025	OZRR0025FF1E
PTR060V0030	60R030	RXEF030	MF-R030	OZRR0030FF1E
PTR060V0040	60R040	RXEF040	MF-R040	OZRR0040FF1E
PTR060V0050	60R050	RXEF050	MF-R050	OZRR0050FF1E & OZRP0050FF1E
PTR060V0065	60R065	RXEF065	MF-R065	OZRR0065FF1E & OZRP0065FF1E
PTR060V0075	60R075	RXEF075	MF-R075	OZRR0075FF1E & OZRP0075FF1E
PTR060V0090	60R090	RXEF090	MF-R090	OZRR0090FF1E & OZRP0090FF1E
PTR060V0110	60R110	RXEF110	MF-RX110	OZRR0110FF1A & OZRP0110FF1E
PTR060V0135	60R135	RXEF135	MF-RX135	OZRR0135FF1A & OZRP0135FF1A
PTR060V0160	60R160	RXEF160	MF-RX160	OZRR0160FF1A & OZRP0160FF1A
PTR060V0185	60R185	RXEF185	MF-RX185	OZRR0185FF1A & OZRP0185FF1A
PTR060V0250	60R250	RXEF250	MF-RX250	OZRR0250FF1A & OZRP0250FF1A
PTR060V0300	60R300	RXEF300	MF-RX300	OZRR0300FF1A & OZRP0300FF1A
PTR060V0375	60R375	RXEF375	MF-RX375	OZRR0375FF1A & OZRP0375FF1A

Industry	Application	PTSLR 0603	PTSLR 0805	PTSLR 1206	PTSLR 1210	PTSLR 1812	PTS 0603	PTS 0805	PTS 1206	PTS 1812	PTR 016V	PTR 030V	PTR 060V
Computer	CPU & hard disk drives			x	x	x		x	x	x	x		
	USB 2.0, 3.0, 3.1	x	x	x	x	x	x	x	x	x	x		
	IEEE1284 parallel data buses								x	x	x		
	IEEE 802.3												x
	IEEE 1394									x		x	
	I/O ports (HDMI, DVI VGA)	x	x	x	x	x	x	x	x	x	x		
	PC cards			x	x	x		x	x	x	x		
	SCSI								x	x	x		
	USB flash memory modules	x	x	x	x	x	x	x	x	x			
Consumer Electronics	LCD monitors				x	x		x	x	x	x		
	Loudspeakers	x	x	x	x	x	x						x
	Smart card readers	x	x	x	x	x	x	x	x	x			
	Mobile devices	x	x	x	x	x	x						
	Portable/Wearable devices	x	x	x	x	x	x		x				
	Battery protection	x	x	x	x	x	x						
	Portable electronic input ports	x	x	x	x	x	x	x	x	x			
Industrial Electronics	Set top boxes							x	x	x	x	x	x
	Linear AC/DC adapters							x	x	x		x	x
	Electromagnetic loads, motor											x	x
	Solenoid protection									x		x	x
	Displays									x	x	x	x
	Security systems									x		x	x
Medical Electronics	Industrial controls									x		x	x
	Medical equipment									x		x	x
	Voltage / current input terminals								x	x			

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