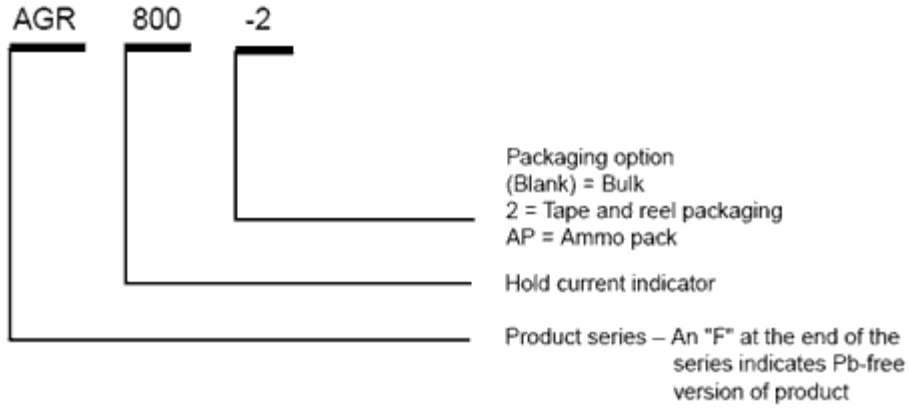
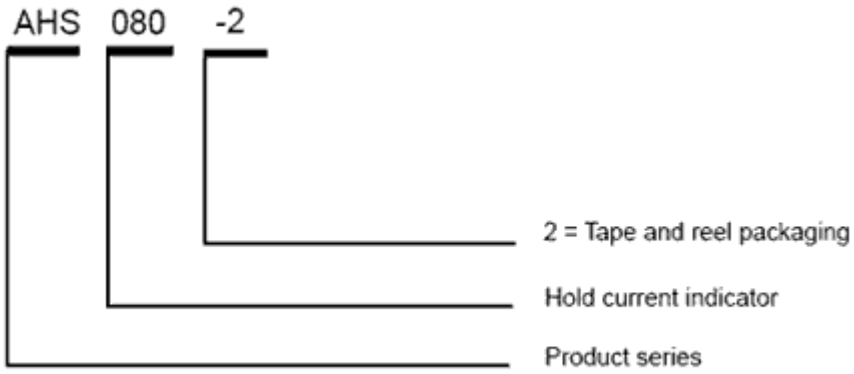
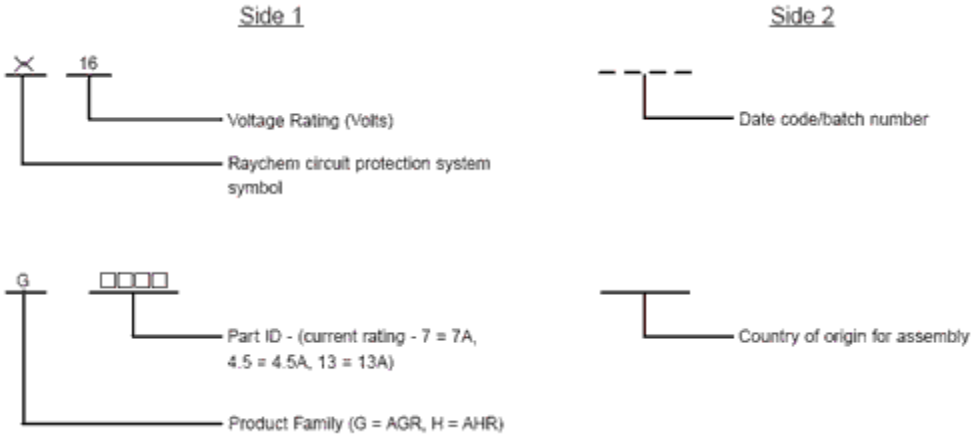
Part Numbering System for PolySwitch™ Automotive Devices

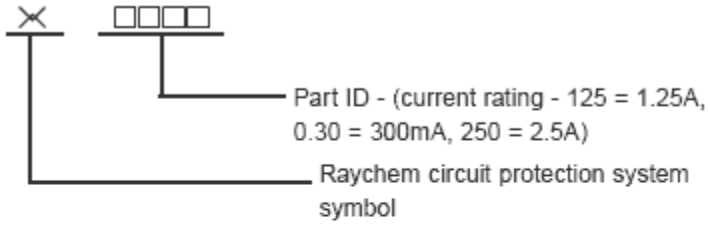


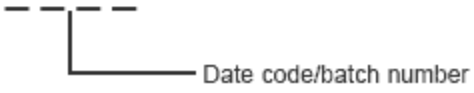


Part Numbering System for Radial-leaded Automotive Devices



Part Numbering System for Surface-mount Automotive Devices

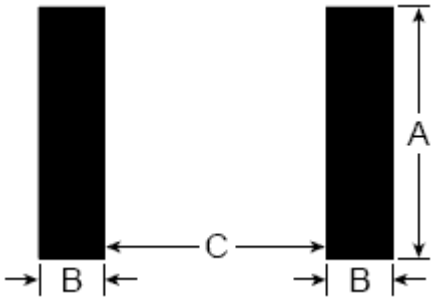




Agency Recognition for PolySwitch™ Automotive Devices

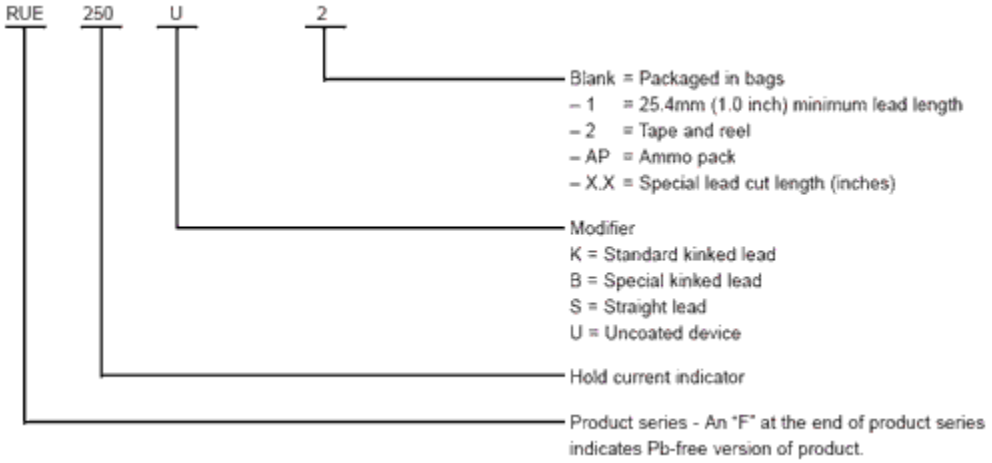
These devices have been designed for use in automotive applications. For commercial alternatives to these product series please see the Radial-leaded or Surface-mount.

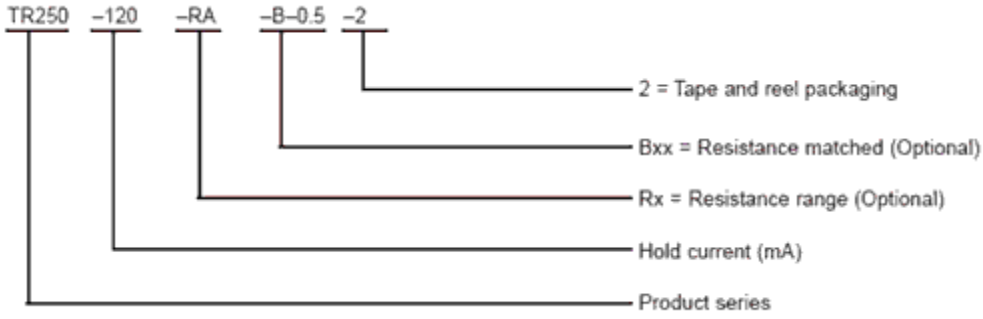
Recommended Pad Layout for PolySwitch™ Automotive Devices



Part Number	Tape & Reel Quantity	Standard Package Quantity	Part Marking	Dimension A (min*/nom)	Dimension B (nom)	Dimension C (nom)
AHS (High Temperature)						
AHS080-2018	4,000	20,000	H08	4.6 (0.18)	1.5 (0.09)	3.4 (0.134)
AHS160	1,500	7,500	160	4.6 (0.18)	2.3 (0.09)	6.1 (0.240)
ASMD						
ASMD030	2,000	10,000	030	3.1 (0.12)	2.3 (0.09)	5.1 (0.201)
ASMD050	2,000	10,000	050	3.1 (0.12)	2.3 (0.09)	5.1 (0.201)
ASMD075	2,000	10,000	075	3.1 (0.12)	2.3 (0.09)	5.1 (0.201)
ASMD100	2,000	10,000	100	3.1 (0.12)	2.3 (0.09)	5.1 (0.201)
ASMD125	2,000	10,000	125	3.1 (0.12)	2.3 (0.09)	5.1 (0.201)
ASMD150	1,500	7,500	150	4.6 (0.18)	2.3 (0.09)	6.1 (0.240)
ASMD200	1,500	7,500	200	4.6 (0.18)	2.3 (0.09)	6.1 (0.240)
ASMD250	1,500	7,500	250	4.6 (0.18)	2.3 (0.09)	6.1 (0.240)

Part Numbering System for PolySwitch™ Radial-leaded Devices

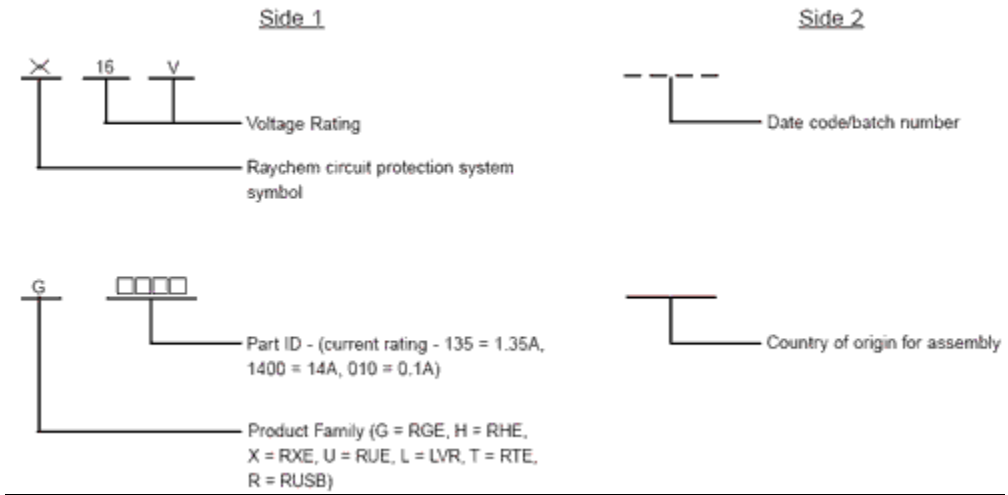




Agency Recognition for PolySwitch™ Radial-leaded Devices

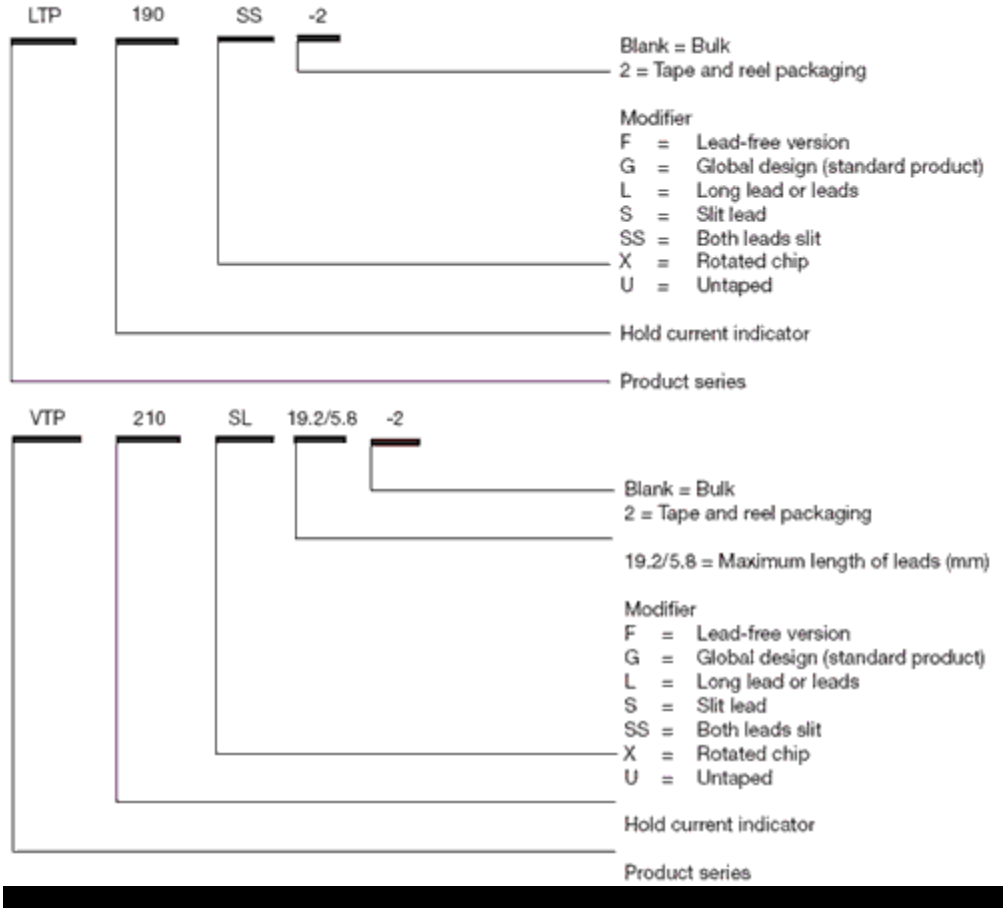
Standard	Title	File Number
UL	Thermistor Type Devices	E74889
CSA	Electronic Components-Thermistors- PTC	078165_C_000
TÜV	Certificate number available on request (per IEC 60730-1)	

Part Marking System for PolySwitch™ Radial-leaded Devices



Note: Contact your local Raychem Circuit Protection representative for dimensions and availability.

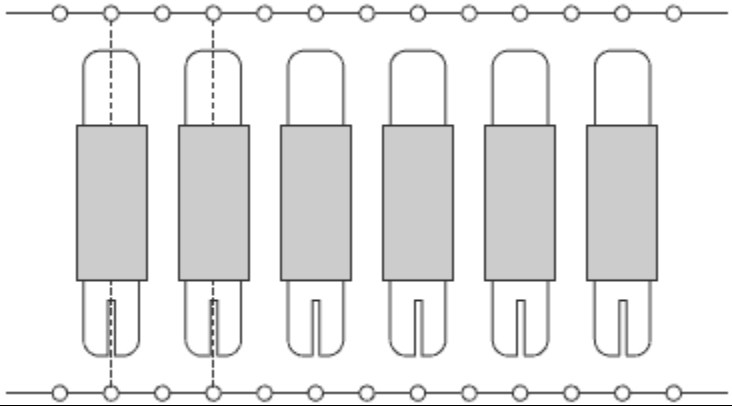
Part Numbering System for PolySwitch™ Strap Battery Devices



Agency Recognition for PolySwitch™ Strap Battery Devices

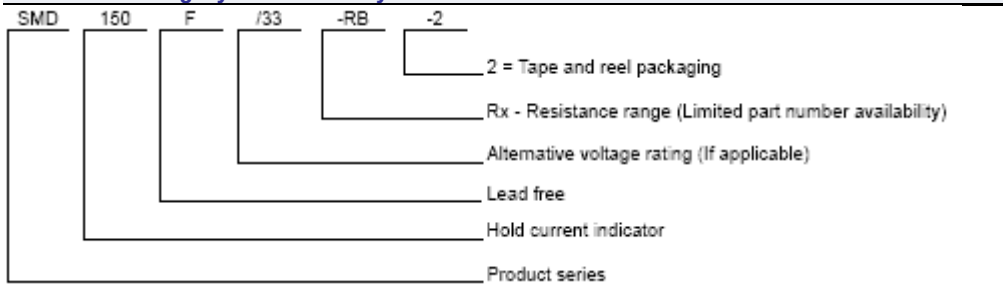
Standard	File Number
UL	E74889
CSA	78165C
TÜV	Certificate number available on request

Typical Taped Component Layout for PolySwitch™ Strap Battery Products



Note: Contact your local Raychem Circuit Protection representative for dimensions and availability.

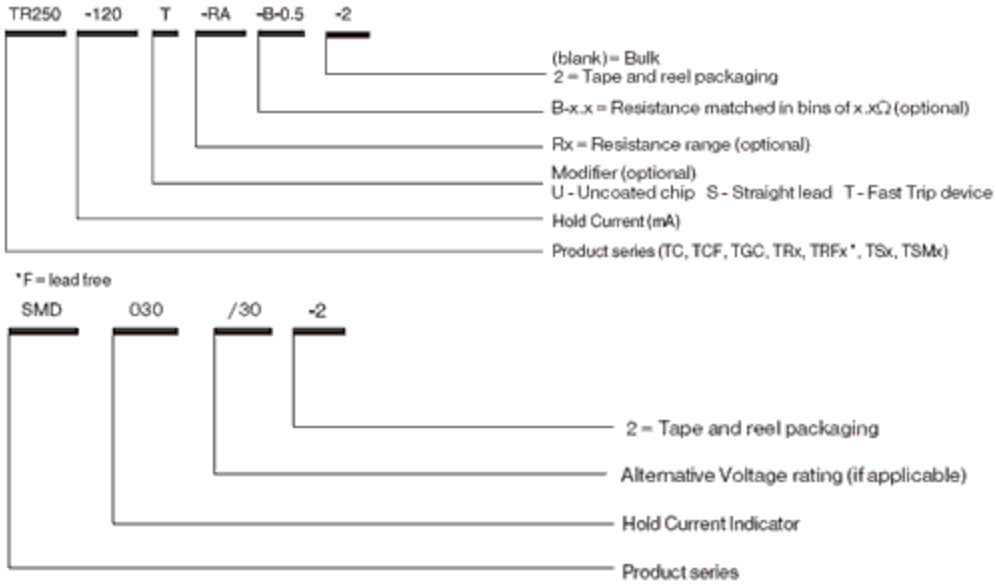
Part Numbering System for PolySwitch™ Surface-mount Devices



Agency Recognition for PolySwitch™ Surface-mount Devices

Parts	Standard	File Number
all surface-mount devices	UL	E74889
SMD/miniSMD/micro SMD/nanoSMD series	CSA	078165_C_000
microSMD/miniSMDC/miniSMDM series	TUV	R9872048
nanoSMDM/nanoSMDC series	TUV	R2172061
SMD series	TUV	R9872049

Part Numbering System for PolySwitch™ Telecommunications and Networking Devices



Agency Recognition for Telecommunications and Networking Devices*

Standard	File Number
UL	File # E74889
CSA	File #78165C
TUV	Per IEC60730-1

Note: *For agency recognition information on BBR and RXE series, see radial-leaded product page. For SMD, midSMD and miniSMDC series, see surface-mount product page.

Recommended Pad Layout for PolySwitch™ Telecommunications Surface-Mount Devices

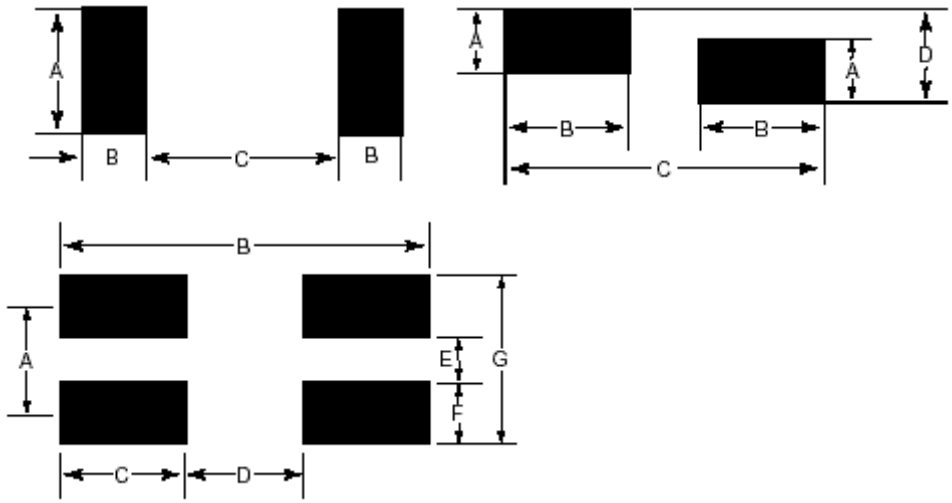


Table T7. Recommended Pad Layouts for Surface-mount Telecommunications and Networking Devices in millimeters (inches) Nominal

Device	A	B	C	D	E	F	G	Figures for Dimensions
TS250 (All)	4.6 (0.18)	1.8 (0.07)	6.1 (0.24)	— —	— —	— —	— —	T18
TSV250-130	2.29 (0.09)	2.41 (0.095)	6.35 (0.25)	3.43 (0.135)	— —	— —	— —	T19
TSL250-080	3.6 (0.14)	1.8 (0.07)	5.5 (0.22)	— —	— —	— —	— —	T18
TS600 (All)	10.42 (0.410)	3.30 (0.130)	3.35 (0.132)	— —	— —	— —	— —	T18
TSM600	5.20 (0.205)	17.80 (0.701)	5.54 (0.218)	6.75 (0.266)	2.08 (0.082)	3.12 (0.123)	8.39 (0.331)	T20
SMD030-2018	4.6 (0.18)	1.5 (0.06)	3.4 (0.13)	— —	— —	— —	— —	T18
SMD030	3.1 (0.12)	2.3 (0.09)	5.1 (0.20)	— —	— —	— —	— —	T18
SMD050-2018	4.6 (0.18)	1.5 (0.06)	3.4 (0.13)	— —	— —	— —	— —	T18
miniSMDC014	3.15 (0.124)	1.78 (0.07)	3.45* (0.136*)	— —	— —	— —	— —	T18
miniSMDC014F	3.15 (0.124)	1.78 (0.07)	3.45* (0.136*)	— —	— —	— —	— —	T18

Note: *Indicates minimum dimension.