

6.11.2 PTC platinum

RESISTANCE TEMPERATURE DETECTOR, THIN FILM PLATINUM SENSOR, PTC, RANGE 100 TO 2000 OHMS AT 0°C				<b>352B</b>	
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date	
Generic ESCC 4006 Detail ESCC 4006/015	Innovative Sensor Technology IST AG, Ebnat-Kappel Switzerland	Qualification	ESA	February 2018	
Remarks					
Qualified range: variants 01 to 10					
Variant Number	Based on Type (Article Number)	Nominal R <sub>z</sub> (Ω) (at 0°C)	Operating Temperature Range T <sub>op</sub> (°C)	Maximum Operating Current I <sub>OP</sub> (mA)	Maximum Rated Current I <sub>MAX</sub> (mA)
01	P0K1.232.7W (010.02991)	100	-50 to +150	1	4
02	P0K1.232.7W (010.02992)	100	-200 to +200	1	4
03	P0K2.232.7W (010.02993)	200	-50 to +150	0.7	2.8
04	P0K2.232.7W (010.02994)	200	-200 to +200	0.7	2.8
05	P0K5.232.7W (010.02995)	500	-50 to +150	0.45	1.3
06	P0K5.232.7W (010.02996)	500	-200 to +200	0.45	1.3
07	P1K0.232.7W (010.02997)	1000	-50 to +150	0.3	1.3
08	P1K0.232.7W (010.02998)	1000	-200 to +200	0.3	1.3
09	P2K0.232.7W (010.02998)	2000	-50 to +150	0.2	0.9
10	P2K0.232.7W (010.03000)	2000	-200 to +200	0.2	0.9
Qualified range options:					
Termination types:					
- Platinum leads only (Code 00)					
- Cable wire extensions (Codes 01, 02, 03, 04, 05)					
Heat-shrink tubing type: Code A					
Extension Cable/Wires: Codes 0000, 00XX, 0XXX, XXXX (25-9999 mm if tail extension).					