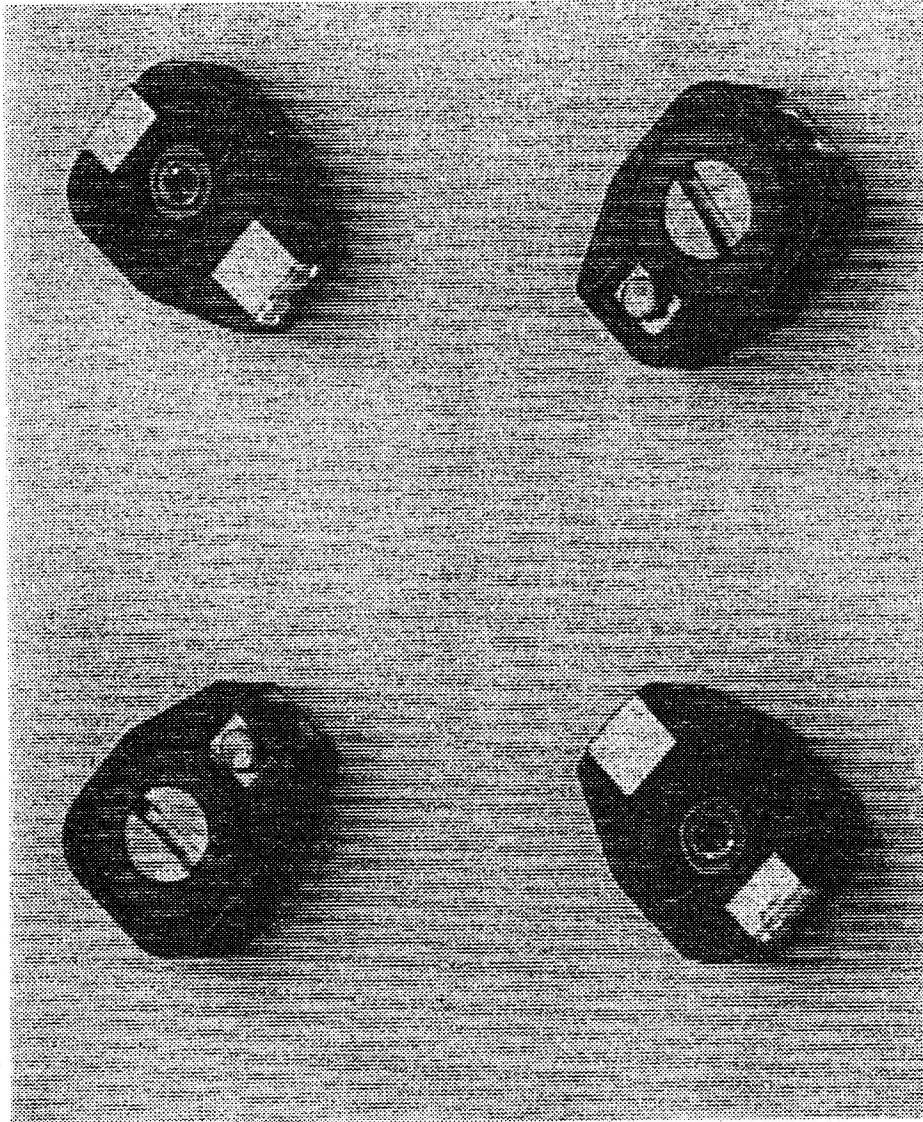


SMD Trimmer Capacitor Film Dielectric 2807S

Film Dielectric Trimmer Capacitor 7mm



Features:

True SMD design

High Q PTFE Teflon film dielectric (1000@10MHz)

Available in bulk or 13" (33cm) reels

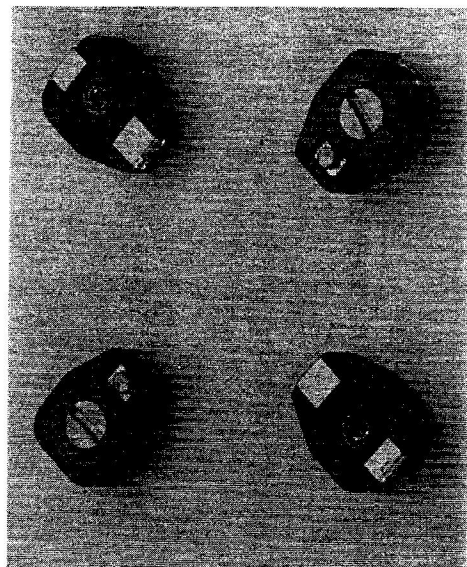
Wide -40 to 85°C operating range

SMD Trimmer Capacitor

Film Dielectric

2807S

Film Dielectric Trimmer Capacitor
7mm



SPECIFICATIONS

Electrical

Insulation Resistance	: 100M Ω minimum (@100V)
Voltage rating	100V dc
Minimum Q	1000 @ 10MHz 300 @ 100 MHz
Temperature coefficient	+/-100ppm/ $^{\circ}$ C
Operating Temperature Range	-40 to 85 $^{\circ}$ C

Mechanical

Effective angle of rotation	: 360 $^{\circ}$
Operating Torque	: 20-30 g $\cdot$ cm
Ratio of maximum to minimum torque	<3:1
Maximum soldering temperature	260 $^{\circ}$ C for 5 seconds

Features:

- True SMD design
- High Q PTFE Teflon film dielectric (1000@10MHz)
- Available in bulk or 13" (33cm) reels
- Wide -40 to 85 $^{\circ}$ C operating range

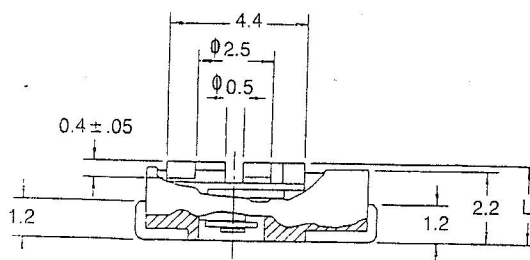
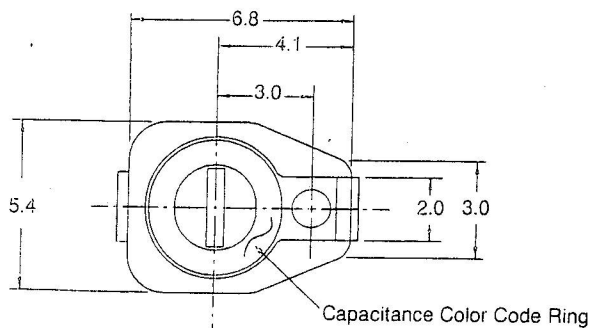
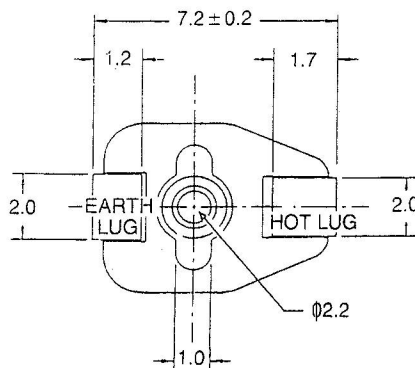
Part Number

Model **2807S** **0R505NHA4** **TAA**

Capacitance range designator

Packaging: TAA=3000 piece T&R
BAA=1000 piece bulk

(dimensions in mm)



2807S

Surface Mount

ORDERING PART NUMBER

PHILIPS COMPONENTS ORDERING PART NUMBER	CAPACITANCE RANGE		L in. (mm)	CAPACITANCE COLOR CODE	PACKAGING
	min.	max.			
2807S0R505NHA4TAA	0.3 ± 0.2	5-0.5/+3	0.087 (2.2)	orange	Tape & reel
2807S0R505NHA4BAA	0.3 ± 0.2	5-0.5/+3	0.087 (2.2)	orange	Bulk
2807S0R610NHB4TAA	0.4 ± 0.2	10-1/+5	0.087 (2.2)	black	Tape & reel
2807S0R610NHB4BAA	0.4 ± 0.2	10-1/+5	0.087 (2.2)	black	Bulk
2807S0R815NHC4TAA	0.5 ± 0.3	15-0/+7	0.094 (2.4)	blue	Tape & reel
2807S0R815NHC4BAA	0.5 ± 0.3	15-0/+7	0.094 (2.4)	blue	Bulk
2807S1R020HND4TAA	0.7 ± 0.3	20-0/+10	0.100 (2.55)	green	Tape & reel
2807S1R020NHD4BAA	0.7 ± 0.3	20-0/+10	0.100 (2.55)	green	Bulk

Film Dielectric Trimming Capacitors

Product Selection Guide

Model	Size	Voltage	Ranges	Page
Surface Mount				
2807S	7mm	100V	0.3/5 to 0.7/20 pF	97
Commercial				
2222-808-xxxxx	5mm	150V	1.5/5 to 4/27 pF	99
	7.5mm	250V	1.4/5.5 to 3/50 pF	101
	10mm	250V	2.5/15 to 7/105 pF	103
Professional				
2222-809-xxxxx	7x8x9mm	300V	0.5/2 to 2/18 pF	107
	11x11x11mm	300V	4/38 to 5/57 pF	107
	8x9x10mm	300V	1.4/5.5 to 2/18	107
	12x14x10mm	200V	2/12 to 7/150 pF	113