

**0.25 Watt - TS53Y Series  
4mm Square Sealed**



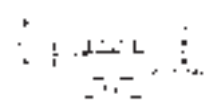
- Low contact resistance variation
- Fully sealed to **IP67**
- Wide operating temperature range

Voltage rating	200V
Resistance tolerance	±20%
Temperature coefficient	±100ppm/°C
End resistance	0.1% or 3Ω
Contact resistance variation	1% or 3Ω
Dielectric strength	1000V
Operating temperature	-55°C to 155°C

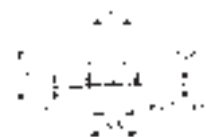
H = 2.7 W = 5.0 D = 5.0 Supplied on 12mm embossed tape (reel = 500pcs)

**PCB Layouts**

TS53YL



TS53YJ



Stocked in the following OHMIC Values:

**TS53YL**

500R = 114-1470	2K = 114-1472	10K = 114-1474	50K = 114-1476	200K = 114-1479
1K = 114-1471	5K = 114-1473	20K = 114-1475	100K = 114-1477	

**TS53YJ**

500R = 114-1481	2K = 114-1483	10K = 114-1485	50K = 114-1487	1M = 114-1489
1K = 114-1482	5K = 114-1484	20K = 114-1486	100K = 114-1488	

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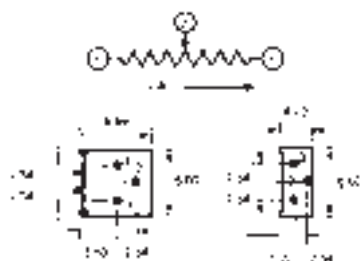
Style	Order Code	1+	50+	100+	500+	+
TS53YL	All Values ●	98.00	89.00	82.00	59.00	--
TS53YJ	All Values ●	98.00	89.00	82.00	59.00	--

**1/4" (6.35mm) Single Turn Cermet Trimmers**

**0.5 Watt - 3362 Series**



3362P H=4.7, Pin Dia.=0.46  
3362W H=6.99, Pin Dia.=0.46



Drilling Plans

- Sealed to withstand harsh environments and immersion cleaning processes
- Featuring built-in 'stand-offs'
- Multi-wire wiper to minimise contact resistance variation

Power rating @ 70°C	0.5W	Contact resistance variation	1%(100R=3Ω)
Voltage rating	300V	Dielectric strength (sea level)	900V ac
Resistance tolerance	±10%	Adjustment angle	240°
Temperature coefficient	±100ppm/°C	Operating temperature	-55°C to +125°C
End resistance	1% (100R=2Ω)		

Stocked in the following OHMIC Values:

**3362P**

100R = 935-4280	2K = 935-4336	20K = 935-4344	100K = 935-4310	500K = 935-4395
500R = 935-4360	5K = 935-4379	50K = 935-4387	200K = 935-4352	1M = 935-4328
1K = 935-4298	10K = 935-4301			

**3362W**

100R = 935-4409	2K = 935-4450	20K = 935-4468	100K = 935-4433	500K = 935-4514
500R = 935-4484	5K = 935-4492	50K = 935-4506	200K = 935-4476	1M = 935-4441
1K = 935-4417	10K = 935-4425			

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Style	Order Code	5+	50+	100+	500+	+	+
3362P	All Values ●	55.00	49.00	44.00	38.00	--	--
3362W	All Values ●	55.00	49.00	44.00	38.00	--	--

**0.2 Watt - 416 Series -  
6mm Square**



- Stable High Resolution Cermet Element
- Stocked Taped for Auto Insertion
- Dust and Splash Proof
- Space-Saving Device



Supplied on 12mm embossed tape (reel=1K pcs)

H=2.0, W=3.0, D=3.5  
416M - Top adjust: 5mm x 5 mm  
416PA - Top adjust: 2.5mm x 5 mm

Resistance tolerance	±25%	Mechanical angle	260°
Operating temperature	-20°C+100°C	Voltage rating	100V DC max
Temperature coefficient	±250ppm/°C	Starting Torque	35 mNm max.

Mfrs. List No. 41PA+Value+P

100R = 886-6988	2K = 886-7054	20K = 886-7046	200K = 886-7020
200R = 886-7038	5K = 886-7097	50K = 886-7089	500K = 886-7062
500R = 886-7070	10K = 886-6996	100K = 886-6970	1M = 886-7011
1K = 886-7003			

Mfrs. List No. 416M+Value+P

100R = 886-7100	2K = 886-7143	20K = 886-7178	200K = 886-7208
200R = 886-7119	5K = 886-7151	50K = 886-7186	500K = 886-7216
500R = 886-7127	10K = 886-7160	100K = 886-7194	1M = 886-7224
1K = 886-7135			

Stocked in the following OHMIC Values:

386933

Order Code	5+	25+	100+	500+	+
All Values ●	40.00	35.00	33.00	32.00	--

**3/8" (11.0mm) Single Turn Cermet Trimmers**

**0.5 Watt - 3386 Series**



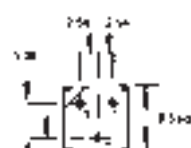
3386P  
H = 4.8, Pin dia = 0.5



Drilling plan



3386F  
H = 4.8, Pin dia = 0.5



Drilling plan



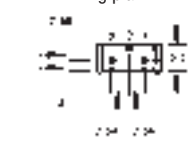
3386W  
H = 9.5, Pin dia = 0.5



Drilling plan



3386X  
H = 9.5, Pin dia = 0.5



Drilling plan



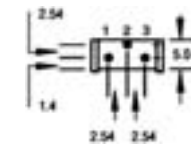
3386FT  
H = 10.41, Pin dia = 0.5



Drilling plan



3386H  
H = 9.5, Pin dia = 0.5



Drilling plan



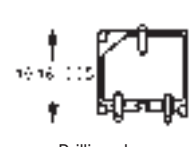
3386V  
H = 4.8, Pin dia = 0.5



Drilling plan



3386G  
H = 9.5, Pin dia = 0.5



Drilling plan

- Top and side adjusting cermet trimmers
- Sealed to withstand industrial cleaning solvents
- Moulded with built-in 'stand-offs'
- 3386G replaces VA05H
- 3386V replaces VA05V

Power rating @ 85°C	0.5W	Contact resistance variation	1% or 1Ω whichever>
Voltage rating	300V	Dielectric strength (sea level)	900V ac
Resistance tolerance	±10%	Mechanical rotation	310°
Temperature coefficient	±100ppm/°C	Operating temperature	-55°C to + 125°C
End resistance	2Ωmax		

Stocked in the following OHMIC Values:

**3386P**

100R = 935-5014	1K = 935-5022	10K = 935-5030	100K = 935-5049	500K = 935-5138
200R = 935-5065	2K = 935-5073	20K = 935-5081	200K = 935-5090	1M = 935-5057
500R = 935-5103	5K = 935-5111	50K = 935-5120		

**3386F**

100R = 935-4522	1K = 935-4530	5K = 935-4697	50K = 935-4719	500K = 935-4735
200R = 935-4611	1K = 935-4549	10K = 935-4557	100K = 935-4573	1M = 935-4590
500R = 935-4689	2K = 935-4620	20K = 935-4646	200K = 935-4662	

**338FT**

10K = 935-4565	1M = 935-4603	20K = 935-4654	5K = 935-4700	500K = 935-4743
100K = 935-4581	2K = 935-4638	200K = 935-4670	50K = 935-4727	

**3386W**

100R = 935-5260	200R = 935-5316	500R = 935-5359	1K = 935-5278	2K = 935-5324
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Resistors, Potentiometers & Thermistors

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Compliant  
Non-compliant  
RoHS  
+ Limited stock - RoHS replacement available