

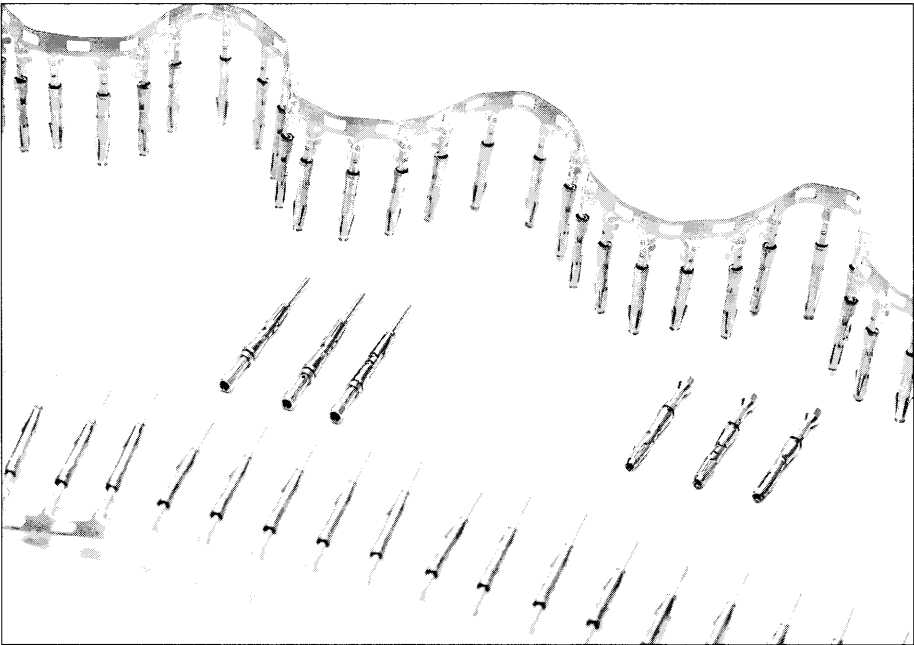
Size 20 contacts for Plastic SEALOK connectors

Description

Size 20 contacts with a .040" (1.0mm) pin diameter are two piece crimp snap-in contacts in pin and socket version available in:

- Solid machined version
- Stamped and formed version

And designed for heavy duty top performance requirements. These contacts consist of a crimp body made of high conductive copper alloy, and a stainless steel retaining spring featuring retention in the housing cavity and a closed entry socket to prevent probe damage. Contacts accomodate AWG20 through AWG26 wire and the crimp barrels.



Features and benefits

- Made from high conductive copper alloy with gold plate finish.
- Two piece construction with dual purpose spring which serves for contact retention and protects the body against damage.
- Stamped and formed contacts packaging
 - On reel: 3000 pcs
 - In bulk packing: 100 pcs in plastic bag
- Solid machined contacts packaging
 - 50 pcs in plastic box

Performance characteristics

	Machined	Stamped and Formed
Current rating:	7.5 Amps	5 Amps
Contact resistance:	$\leq 6\text{m}\Omega$	$\leq 15\text{m}\Omega$
Dielectric withstanding voltage:	1500 V Rms min	
Contact retention in body:	90 N Max.	
Contact engagement force:	5 N Max.	
Contact separation force:	2 N min.	
Plating:	0.40 μ gold over nickel	0.75 μ gold over nickel

Construction

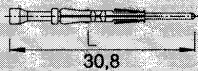
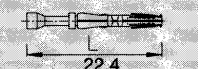
Contact body: High conductive copper alloy.
Outer spring: Stainless steel

Connector accommodation

Any size 20 contacts for plastic SEALOK connectors can be used in any contact position of:

- UTGW Plastic SEALOK

How to order

Contact type			Part number	AWG	Section mm ²	Insulation diameter	Contact length
Machined		Pin	RM24W3K	26 - 24	0.13 - 0.25	0.89 - 1.58	30.8
			RM20W3K	22 - 20	0.35 - 0.50	1.17 - 2.08	30.8
		Socket	RC24W3K	26 - 24	0.13 - 0.25	0.89 - 1.58	22.4
			RC20W3K	22 - 20	0.35 - 0.50	1.17 - 2.08	22.4
Stamped & formed		Pin	SM24W3S26 SM24WL3S26	26 - 24	0.13 - 0.25	0.89 - 1.58	28.5
			SM20W3S26 SM20WL3S26	22 - 20	0.35 - 0.50	1.17 - 2.08	28.5
		Socket	SC24W3S26 SC24WL3S26	26 - 24	0.13 - 0.25	0.89 - 1.58	20.2
			SC20W3S26 SC20WL3S26	22 - 20	0.35 - 0.50	1.17 - 2.08	20.2

Packaging : Machined contacts - 50 pcs in plastic box