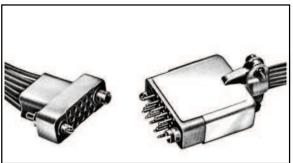
## **SREC Series**

# **Sub Miniature Rectangular, Removable Contacts**



SREC 14SN

SREC 14PNH13



Tool 107-1012

The SREC series is the first family of subminiature crimp contact rack and panel connectors. While retaining all of the important features of true connector miniaturization, the SREC offers .030 diameter crimp (4 indents) type removable contacts with .094

center to center spacing. Contacts are precision machined to assure solid pin and socket reliability. Compact and light in weight, the SREC Series is especially suitable for aircraft, instrumentation, computer and portable equipment applications.

#### **SPECIFICATIONS**

Current Rating: 5 amps

No. of

Contacts: 7, 11, 14, 18, 20, 26, 34,

44, 50

Pin Contacts: .030 dia. 4 indent crimp.

Leaded commercial bronze,

gold plated.

Socket
Contacts: Phosphor bronze,

gold plated.

Termination

Types: Crimp or .025 sq. wire wrap.

Crimp contacts will accommodate #20-#28 AWG

stranded wire.

Dielectric: Glass-filled diallyl phthalate

per MIL-M-14, SDG-F.

Electrical Data: The dielectric withstanding

voltage is one minute electrification at 1400 VAC.

Jackscrews: Long and short turning,

passivated stainless steel. Anodized aluminum knurled knobs equipped with set screws for long turning jackscrews. Stainless steel knobs with groove pins for short turning jackscrews.

Guides: Type N is standard - brass for

extra mechanical strength.

Type K - beryllium copper for high electrical conductivity.

Type NSS - stainless steel

**Hoods:** Top opening hoods are

available in all sizes. Side opening available for

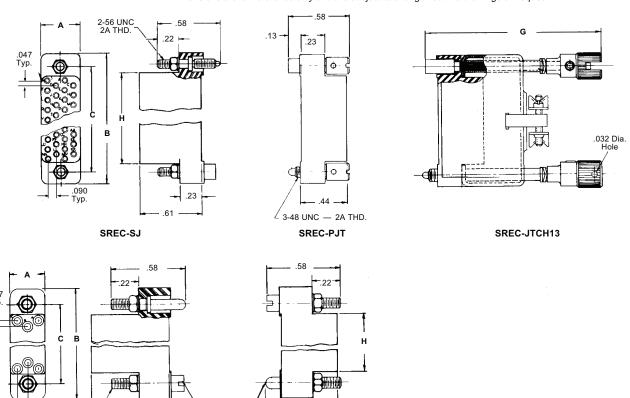
SREC 50 only.

# **SREC Series**

# Sub Miniature Rectangular, Removable Contacts

#### **OUTLINE**

Dimensions are for reference only and are subject to change. Outline drawings on request.



#### **DIMENSIONS**

2-56 UNC 2A THD.

SREC-SN/K

DIMENSION CHART										
No. of Contacts	Α	A B C		G	Н					
7	.20	.78	.56	1.67	.41					
14	.28	.88	.63	1.67	.50					
20	.28	1.06	.81	1.67	.69					
26	.28	1.25	1.000	1.67	.88					
34	.39	1.25	1.03	1.67	.88					
50	.39	1.63	1.40	2.45	1.25					

SREC-PN/K

#### PHYSICAL DATA

SREC 11, 18 and 44 outline drawings on request

Slot .031 Wide Slot .020 Wide

Weight		SREC 7	SREC 1	4	SREC 20	SREC 26	SREC	34	SREC 50
in Ounces	Plug	.03	.05		.07	.08	.12	2	.15
(w/o contacts)	Plug	.04	.04 .06		.08	.09	.15		.20
Component Parts		Guid	Guide Pin		uide Socket	L Washe	er (2)		Nut (2)
Weight in Ounces		.0	.02		.02	.007			.01

#### CONTACTS

	Contact	Wire Size		Dimensions					
Part No.	Type	(Stranded)	Α	В	С	D	Current Rating		
100-4024P	P (Male)	24-26-28	_	.56	.028	.055			
100-4024S	S (Female)	24-26-28	.55	_	.028	.055	5 Amp		
100-4020P	P (Male)	20-22	_	.50	.046	_	3 Allip		
100-4020S	S (Female)	20-22	.48	_	.046	_			

Polarizing Pin: Brass, Gold Plated, Part No. 109-8565

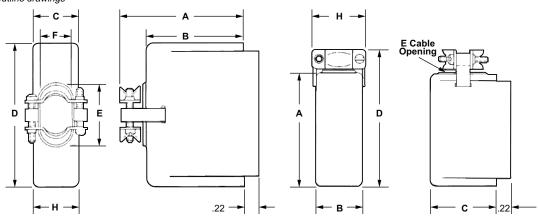
#### Winchester

### **SREC Series**

# **Sub Miniature Rectangular, Removable Contacts**

# OUTLINE FORMED ALUMINUM HOODS

Dimensions are for reference only and are subject to change. Outline drawings on request.



#### **DIMENSIONS**

#### SRE/SREC Large Top Opening Hoods

Code Dimensions				Cable Opening			Fits Connector	
	Α	В	С	D	Е	F	Н	
SRE7H13	1.02	.75	.25	.78	.22	.16	.53	SRE 7 P/S SREC 7 P/S
SRE14H13	1.02	.75	.34	.88	.38	.25	.53	SRE 14 P/S SREC 14 P/S
SRE20H13	1.02	.75	.34	1.06	.38	.25	.53	SRE 20 P/S SREC 20 P/S
SRE26H13	1.02	.75	.34	1.25	.41	.25	.53	SRE 26 P/S SREC 26 P/S
SRE34H13	1.05	.75	.45	1.25	.73	.38	.63	SRE 34 P/S SREC 34 P/S
SRE50H8	1.80	1.50	.45	1.63	1.19	.38	.63	SRE 50 P/S SREC 50 P/S

#### SRE/SREC Large Side Opening Hoods

		_		. •			
Code							Fits
No.*	Α	В	С	D	E	H	Connector
SRE50H9	1.63	.45	1.50	1.92	1.19 x .38	.63	SRE 50 P/S SREC 50 P/S

\* Code numbers shown are for use with guides. For use with jackscrews, add J or JTC to hood part number.

#### **ORDERING INFORMATION**

