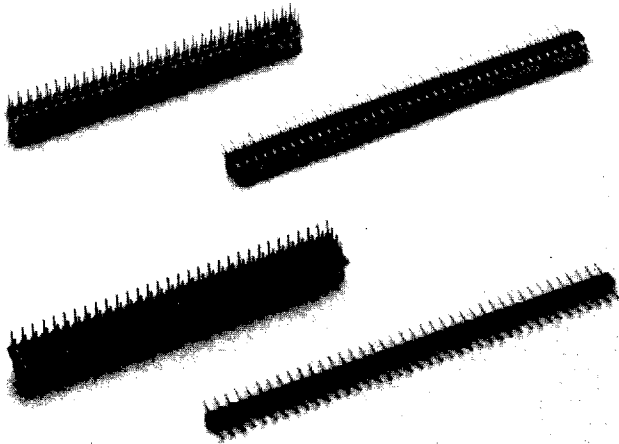


Screw Machine Adapters-Single and Dual *Precision SIL, DIL, TIL, QIL Adapter Strips*

6.1



Single, Dual, Triple and Quad adapter strips offer you a variety of screw machine terminals and positions. The single and dual row strips have the "Breakaway" feature that allows you to "Snap-off" any number of pins you need. All four sizes are on .100" grid. This series of adapters will solve many of your packaging problems.

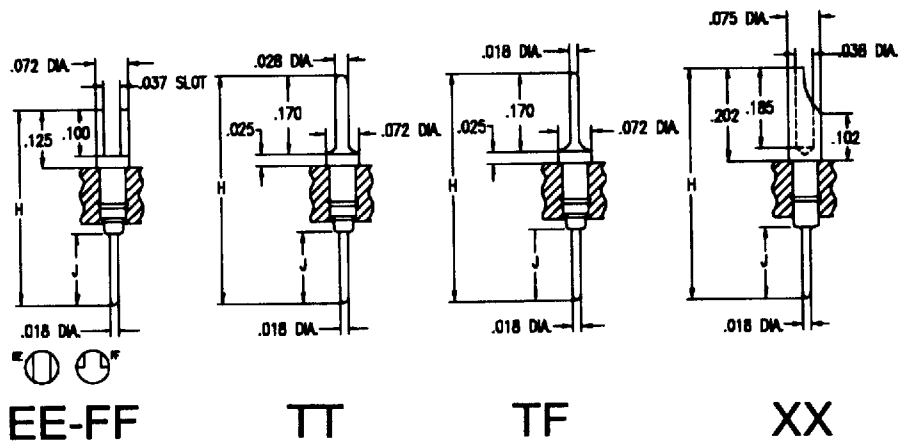
Materials:

Insulator:
Single and dual row strips are supplied in glass reinforced thermoplastic polyester, rated UL94V-0. Color: Black. Triple and quad row strips are supplied in FR4 glass epoxy material.

Terminals:

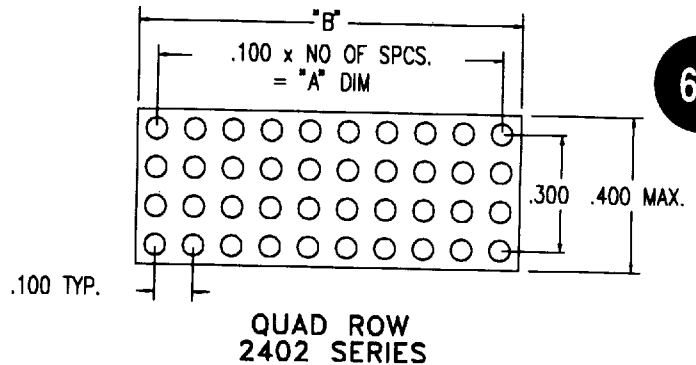
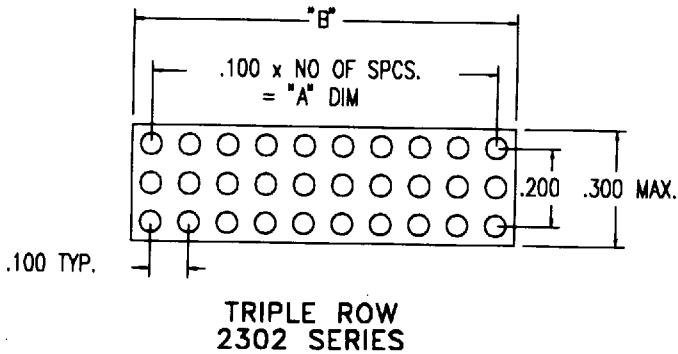
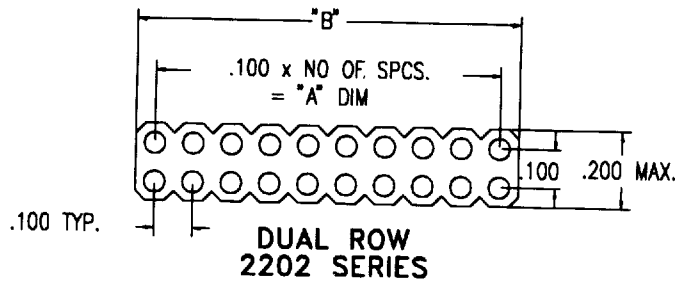
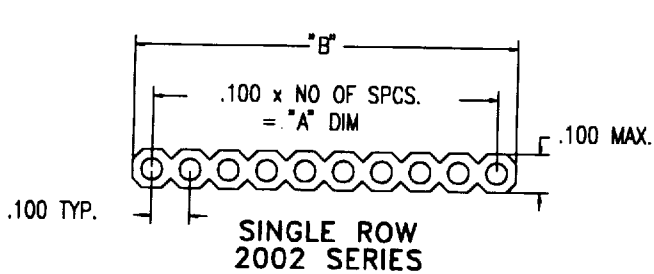
Brass, Gold over nickel.
Tin Lead over nickel plating.

Plating options and specifications are available by contacting either the Garry factory or your local representative.

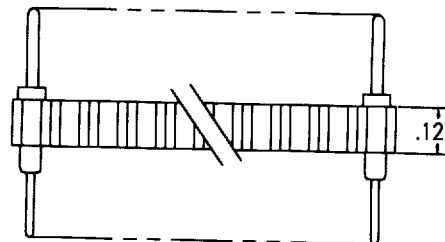
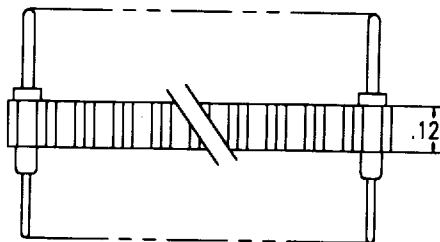


Screw Machine Adapters-Single and Dual

Precision SIL, DIL, TIL, QIL Adapter Strips



6.2



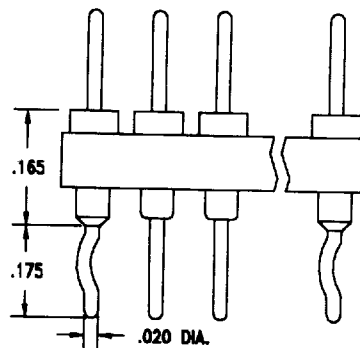
XXXX-XX - XXX - X

SERIES-PIN COUNT				
TYPE	STANDARD LENGTHS	#OF PINS	A DIM.(in.)	B DIM.(in.)
SINGLE ROW	2002-02	2	.100	.199
	THRU 2002-40	40	3.90	3.99
DOUBLE ROW	2202-04	4	.100	.199
	THRU 2202-80	80	3.90	3.99
TRIPLE ROW	2302-06	6	.100	.199
	THRU 2302-120	120	3.90	3.99
QUAD ROW	2402-08	8	.100	.199
	THRU 2402-160	160	3.90	3.99

PIN STYLE			
	FIG.	H DIM.(in.)	J DIM.(in.)
EE	1	.414	.154
FF	1	.414	.154
TT	2	.480	.155
XX	3	.490	.155
TF	4	.480	.155

PLATING			
	CONTACT	SLEEVE	THICKNESS(u)
B	Gold	Gold	30/10
D	Gold	Tin	30/200

Note: Kink pin installed in 1st and last row/position. Depending on series, add K2,K4,K6 or K8 to part number suffix.



Specifications

Material Specifications for Screw Machine Products

Insulators

High temperature vapor phase and infrared compatible

Ryton (PPS)	
Continuous use temp.	220°C
Heat deflection temp.(@ 264 PSI)	260°C
UL rating	94V-0

FR-4 Glass Epoxy	
Continuous use temp.	140°C
Heat deflection temp.(@ 264 PSI)	149°C
UL rating	94V-0

Standard temperature wave solder compatible

Thermoplastic Polyester (PBT)	
Continuous use temp.	140°C
Heat deflection temp.(@ 264 PSI)	204°C

Kapton	
Temperature rating	-269°C to +400°C
Thickness	.005/.007
U/L94 VO rated	

Politrex	
Temperature rating	-60°C to +150°C
Thickness	.005/.007
U/L94 VO rated	

Outer Body/Terminal

Brass - Alloy 360 Q hard per QQ-B-626

Contact Clips

Beryllium Copper (Be Cu) #25 hard heat treated

Plating Specifications

Plating Code "B"

Contact: 30 micro inches of gold per MIL-G-45204 over 50 micro inches min. of nickel per QQ-N-290

Outer Body: 10 micro inches of gold per MIL-G-204 type II over 50 micro inches min. of nickel per QQ-N-290

Plating Code "D"

Contact: 30 micro inches of gold per MIL-G-45204 type II over 50 micro inches min. of nickel per QQ-N-290

Outer Body: 200 micro inches min. of 90/10 tin lead per MIL-P-81728 type 1 over 50 micro inches min. of nickel per QQ-N-290

*Other Plating Requirements consult factory

Garry offers three (3) types of inter contact clips.

- *Standard insertion clip - 4 finger (used on SIP/DIP products)*
- *Low insertion clip - 6 finger (used on PGA STD Pin counts)*
- *Ultra low insertion clip - 3 finger (used on high pin count PGA and Interstitial PGA)*

Insertion/withdrawal specification using a .018 dia. polished steel pin

	<i>INS</i>	<i>withdrawal</i>
STD 4 finger clip	8 oz max	3 oz min
Low insertion clip	2 oz max	0.5 oz min
Ultra low insertion clip	1 oz max	0.3 oz min

16.1

Typical performance characteristics for Screw Machine Products

- *Contact Resistance (MIL-STD-202 E method 302)*
10 MIL/ohms max percontact
- *Contact Rating (for 10 C temperature rise)*
3 Amps
- *Capacitance (MIL-STD-202E method 302)*
0.2 PF
- *Insulation Resistance (MIL-STD-1344 method 3003.1)*
10,000 Megaohms(min)
- *Dielectric Withstanding Voltage(DWV) (MIL-STD-1344 method 3001.1)*
1000 VAC(RMS)
- *Vibration (MIL-STD-1344 method 2005.1 condition III)*
- *Shock (MIL-STD-1344 method 2004.1 condition G)*
- *Solderability (MIL-STD-202 method 208)*

