

# .100" RECEPTACLE STRIPS SINGLE AND DUAL ROW .100" [2.54] CENTERLINE RS SERIES

### **INTRODUCTION:**

Adam Tech RS Series .100" Receptacle Strips are a series of sockets offered in a multitude of sizes and profiles designed to satisfy most .100"socket requirements. Available in Single, Dual and Three rows, they are offered in Straight, Right Angle, SMT, Bottom Entry and Pass Through PCB mounting styles. Each type has a specially designed contact system which uses a wiping mating action and produces a high normal force connection with gold, tin or selective gold plating. All are available with Standard or Hi-Temp Thermoplastic insulators. Our SMT offering is available with optional pick and place pads and tape & reel packaging.

### FEATURES:

Broad range of sizes and profiles Contact systems with high normal force Choice of contact plating SMT pick & place option Optional Tape & reel packaging

### MATING CONNECTORS:

Adam Tech PH series .100" pitch pin headers and all industry standard pin headers with a .025" (0.64mm) square pin.

### SPECIFICATIONS:

### Material:

Insulator: PBT, glass reinforced, rated UL94V-0 Nylon 6T, rated UL94V-0 Insulator Color: Black Contacts: Phosphor Bronze

### **Contact Plating:**

G = Gold flash (30u" optional) over nickel underplate SG = Gold flash (30u" optional) over nickel underplate on contact area, tin over copper underplate on tails. T = Tin over copper underplate

### **Electrical:**

Operating voltage: 250V AC max. Current rating: 3 Amps max. Contact resistance: 20 m $\Omega$  max. initial Insulation resistance: 5000 M $\Omega$  min. Dielectric withstanding voltage: 1000V AC for 1 minute

#### Mechanical:

Insertion force: 0.375 lbs per contact max. Withdrawal force: 0.125 lbs per contact min.

### Temperature Rating:

Operating temperature: -40°C to +105°C

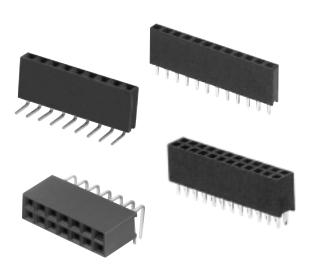
### PACKAGING:

Anti-ESD plastic trays (Tape and Reel optional for SMT option)

### SAFETY AGENCY APPROVALS:

UL Recognized File No. E224053 CSA Certified File No. LR1578596



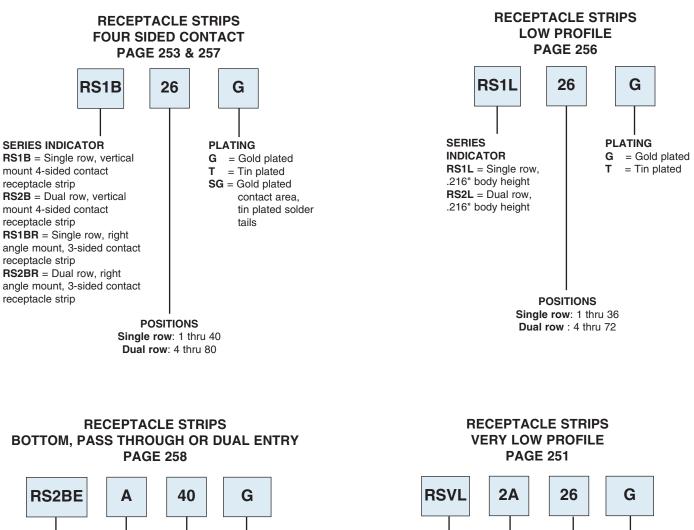


### **ORDERING INFORMATION**

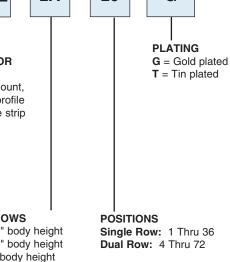
	RS1		3	1		G	
RS1 = 5 RS1R = 5 RS1R = 5 RS2 = 1 RS2R = 1 RS2R = 1 RSB = 1 RSBR = 1	NDICATO Single row nount rece Single row angle mou eceptacle Dual row v nount rece Dual row r angle mou eceptacle Dual row r angle mour polarization and keyed Dual row r angle PCB with polariz pump and corner con	vertical eptacle right nt ertical eptacle ight nt traight traight t with n bump corner ight mount zation keyed			G T	Plated solde NS ow: 1 thr	ated plating ntact Tin-Lead d r tails
OPTIONS: Add designator(s) to end of part number SMT = Surface mount leads Dual row with Hi-Temp insulator SMT-A = Surface mount leads Type A with Hi-Temp insulator SMT-B = Surface mount leads Type B with Hi-Temp insulator 30 = 30 µin gold plating in contact area RC = RoHS compliant lead-free product with							



# .100" RECEPTACLE STRIPS ORDERING INFORMATION



#### SERIES SERIES PLATING INDICATOR INDICATOR G = Gold plated RSVL = **RS1BE** = Single row, vertical mount, bottom, Vertical Mount, pass through or dual very low profile entry receptacle strip receptacle strip **RS2BE** = Dual row, vertical mount, bottom, pass through or dual entry receptacle strip **PROFILE / NO. OF ROWS** SOLDER TAIL POSITIONS **1A** = Single row, .138" body height FOOTPRINT Single Row: 1 thru 40 1B = Single row, .210" body height **A** = .100" x .150" Dual Row: 6 Thru 80 2A = Dual row, .138" body height **B** = .100" x .200" 2B = Dual row, .210" body height **C** = .100" x .300"

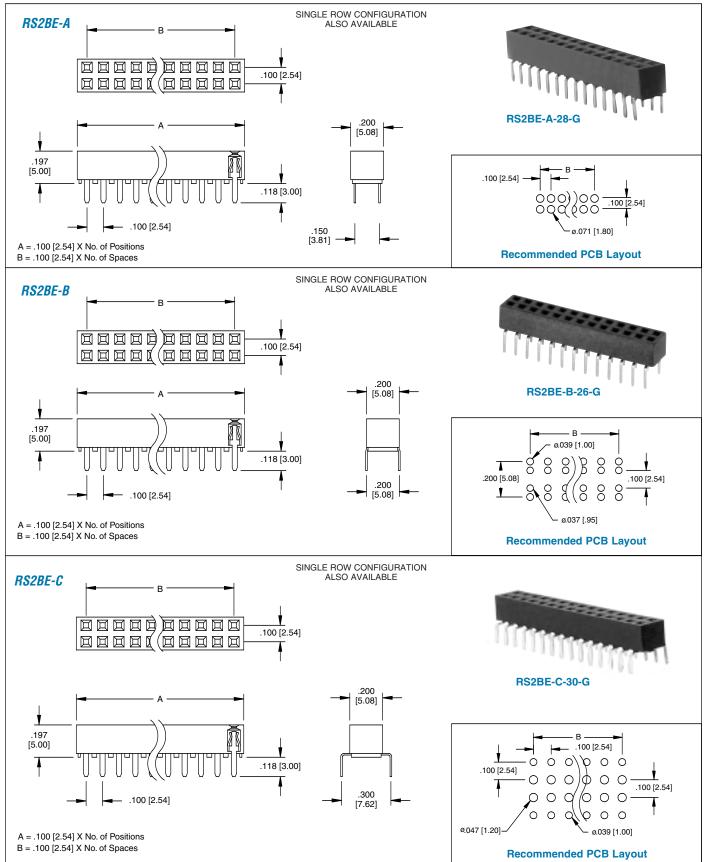


Blank = Single row



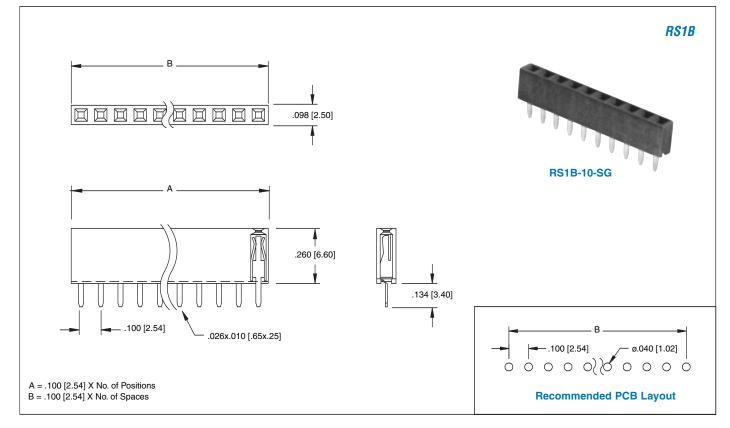
# .100" RECEPTACLE STRIPS .197", BOTTOM, PASS THRU & DUAL ENTRY

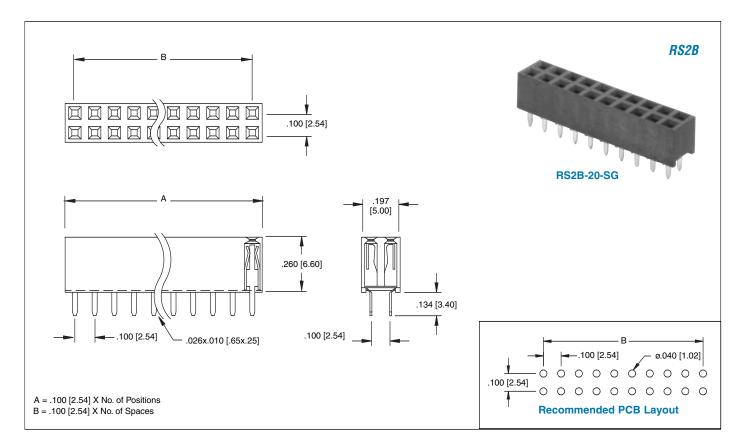
**RS SERIES** 





# .100" RECEPTACLE STRIPS .260" HEIGHT FOUR SIDED CONTACT RS SERIES

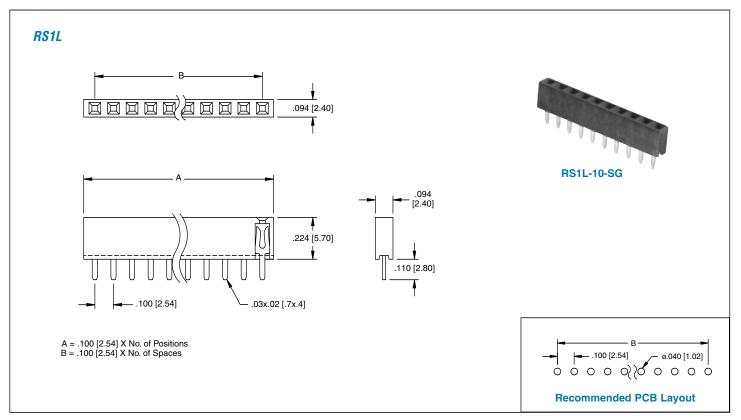


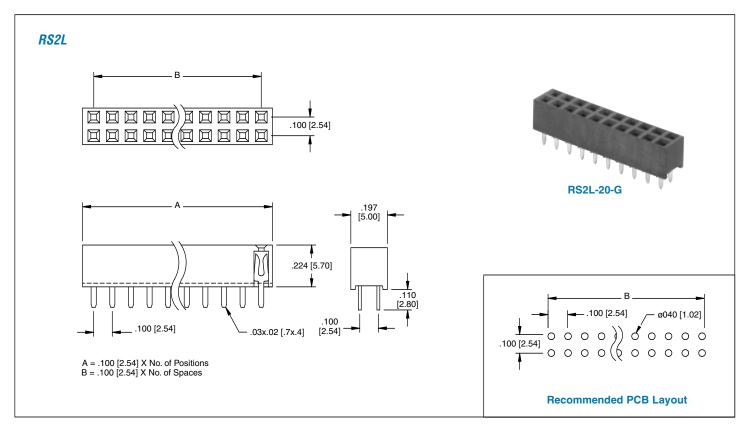


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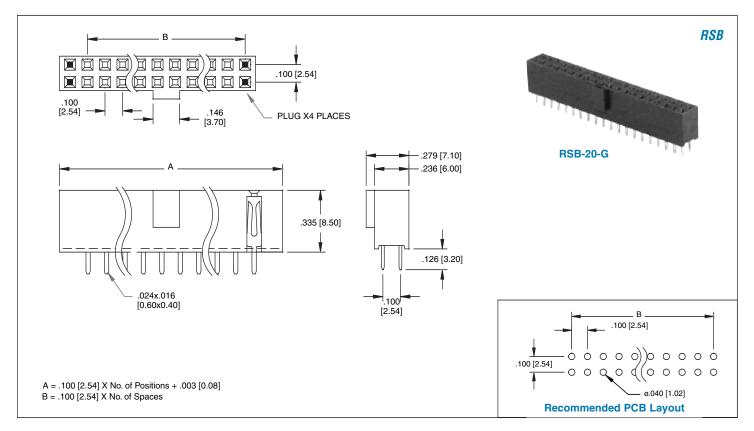
# .100" RECEPTACLE STRIPS .224" HEIGHT LOW PROFILE RS SERIES

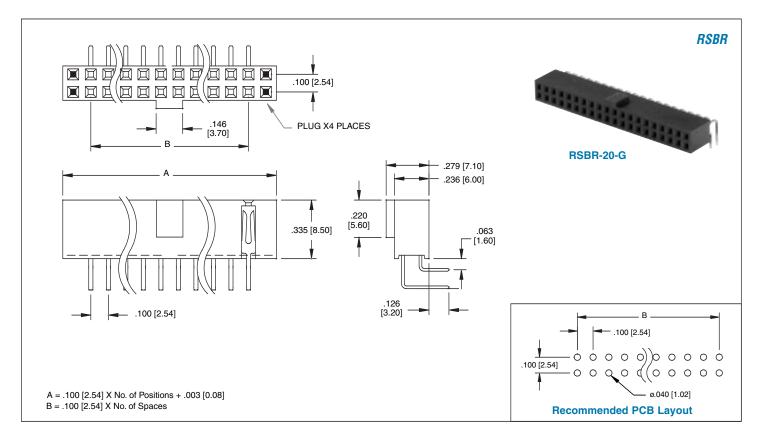






# .100" RECEPTACLE STRIPS .335" HEIGHT WITH POLARIZING BUMP RS SERIES

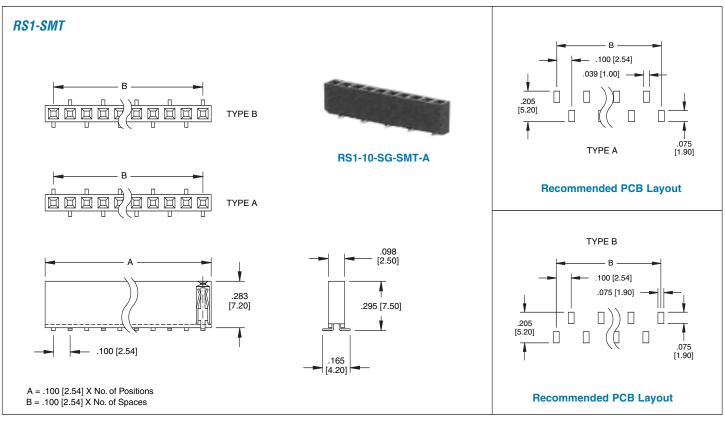


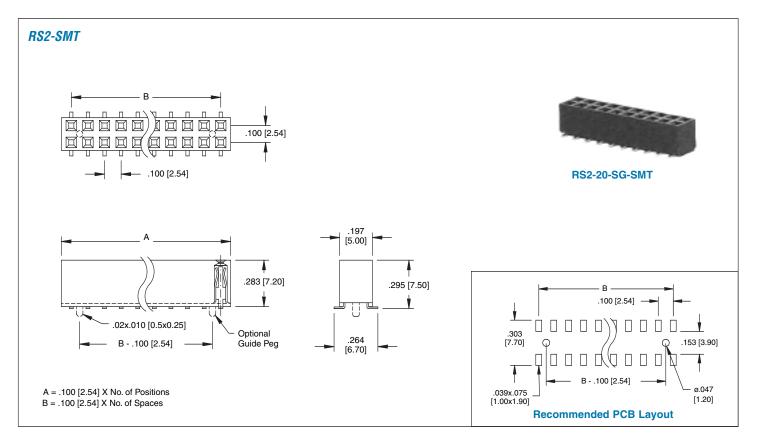


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# .100" RECEPTACLE STRIPS SMT .283" HEIGHT .100" [2.54] CENTERLINE RS SERIES

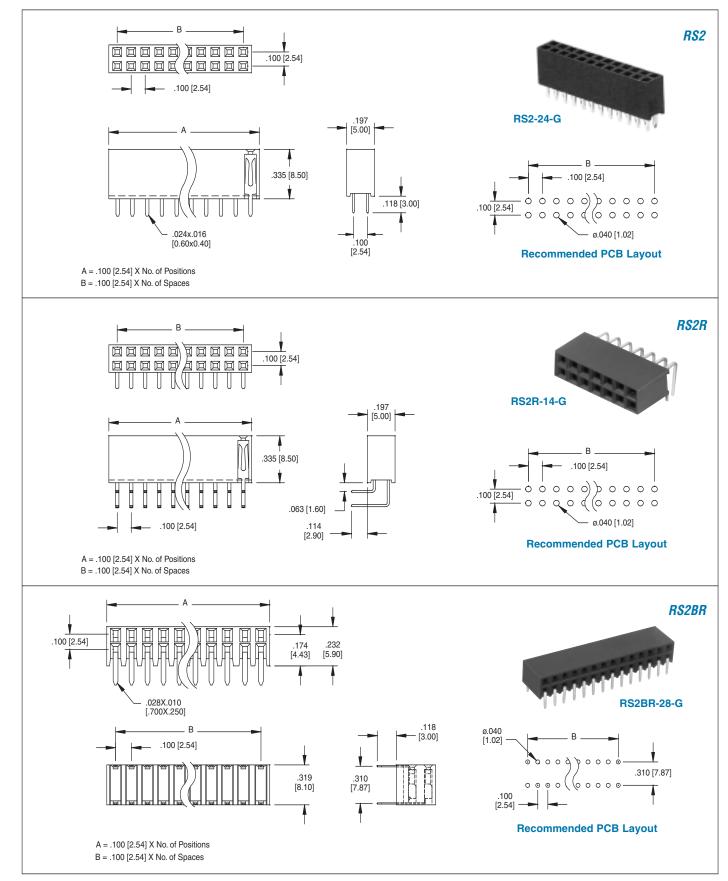




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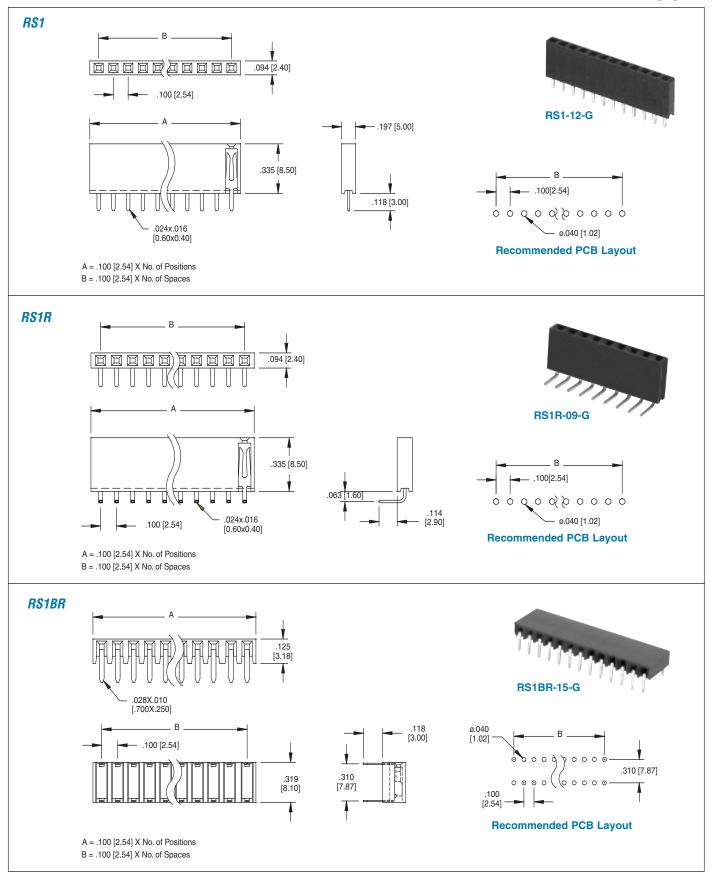
# .100" RECEPTACLE STRIPS .335" HEIGHT .100" [2.54] CENTERLINE RS SERIES



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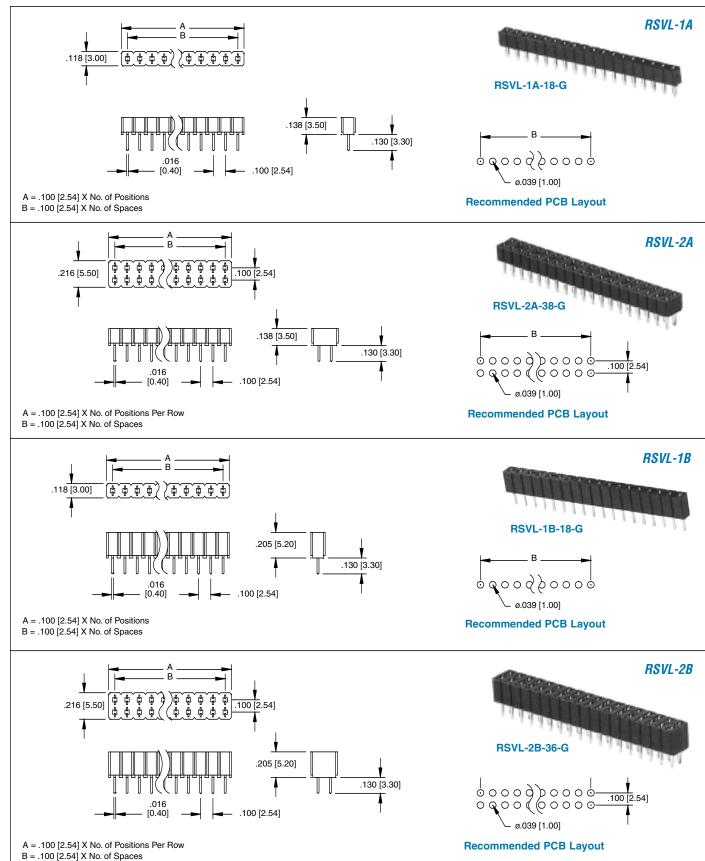
# ADAM TECHNOLOGIES

# .100" RECEPTACLE STRIPS .335" HEIGHT .100" [2.54] CENTERLINE RS SERIES





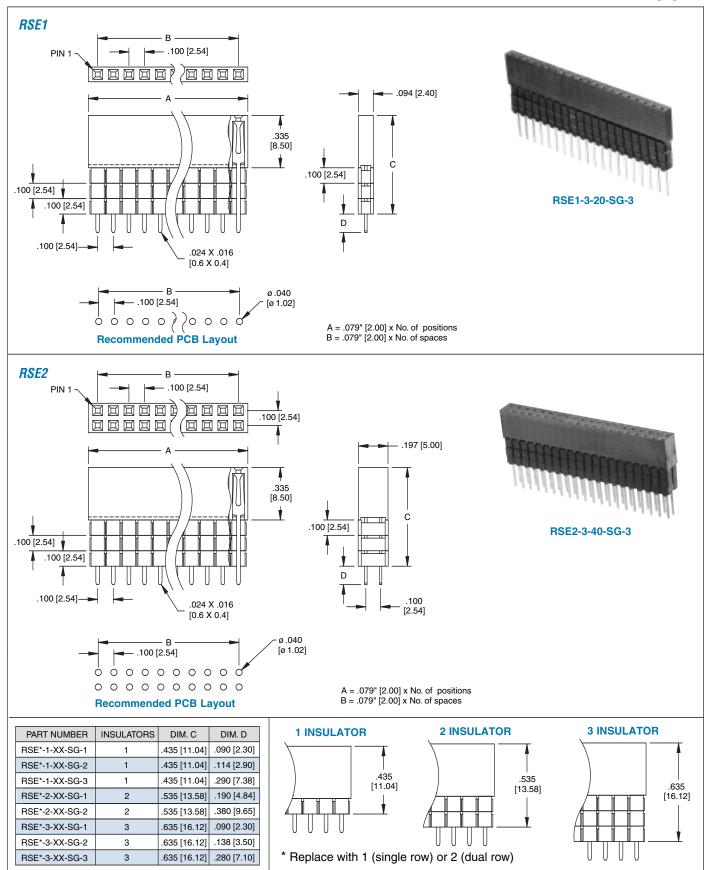
# .138" & .205" HEIGHT SINGLE AND DUAL ROW rs series



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### .100" RECEPTACLE STRIPS ELEVATED SOCKETS .100" [2.54] CENTERLINE RS SERIES



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