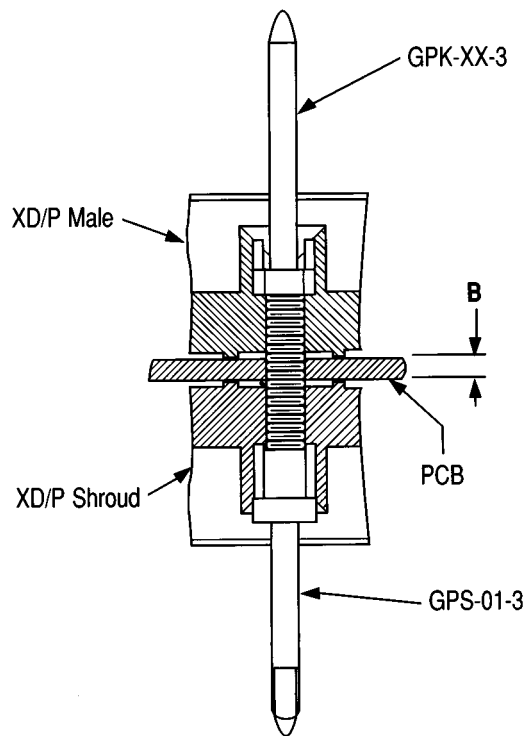


GUIDE POSTS MIDPLANE/SHROUD MALE XD/P™ CONNECTORS



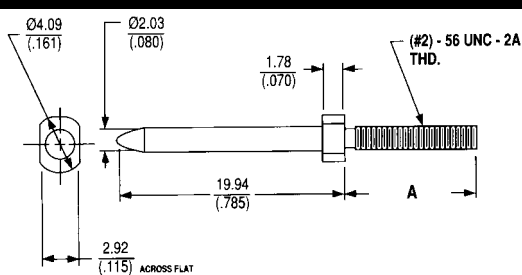
MATERIALS

Stainless steel, passivated

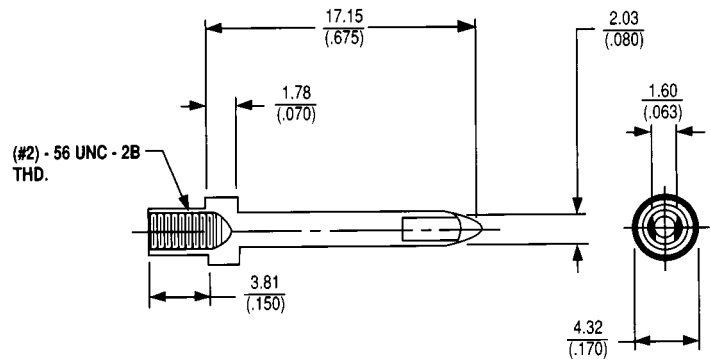


Ordering Information

CATALOG NO.	A	B PCB THICKNESS RANGE
GPK-05-3	13.21 (.520)	1.42 to 2.97 (.056) to (.117)
GPK-05-3	14.99 (.590)	2.97 to 4.57 (.117) to (.180)
GPK-05-3	16.51 (.650)	4.57 to 6.60 (.180) to (.260)
GPK-05-3	17.53 (.690)	6.60 to 7.50 (.260) to (.295)



GPS-01-3



DESCRIPTION/APPLICATION

The Thomas & Betts Surface Attached Module Connectors offer a simple and effective method for densely packaging memory and/or logic in a mother/daughter board configuration. The SAM System offers high pin count low profile, low insertion force housings to permit the maximum possible packaging density. The overall concept of the SAM System makes it an excellent choice for many applications:

- Add-On Memory
- Bus Termination
- System Enhancements

The straddle mount architecture of the female connector permits surface mounted components to be used on both sides of the printed circuit board doubling the effective density of the system.

DESIGN ADVANTAGES

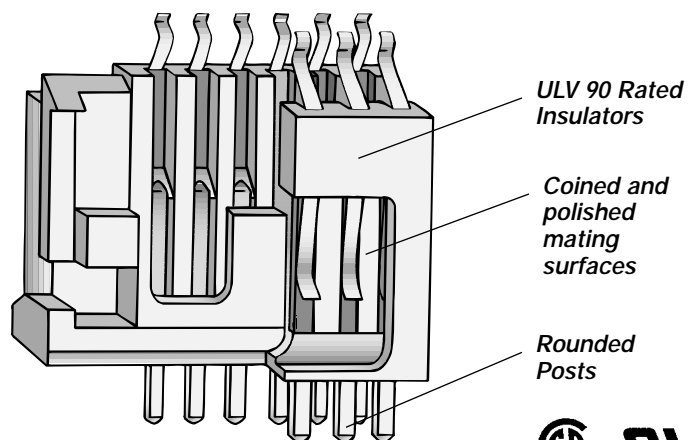
- Available in multiple sizes from 20 to 160 positions.
- Integral printed circuit board retention features on both male and female connectors.
- Solder posts lengths for 1.6 (.062) 2.4 (.093) and 3.2 (.125) thick printed circuit mother boards.
- Low insertion force — 1.75 ounce/pin contact design facilitates easy field installations.
- Surface mounted female connector solder joints accessible for easy cleaning, inspection, rework and reflow.
- Coined and polished mating surfaces provide optimal contact interface.
- Bullet nosed pin tips and preloaded female contact beams result in very low insertion forces 1.75 ounces/ pin.

SURFACE ATTACHED MODULE CONNECTORS THE SAM SYSTEM 20-160 POSITIONS

**ALSO AVAILABLE**

In addition to the configurations listed in this catalog, others are available. Please contact Thomas & Betts for more information on

different numbers of contacts, special plating requirements and other modifications.



LR49571 E60980

