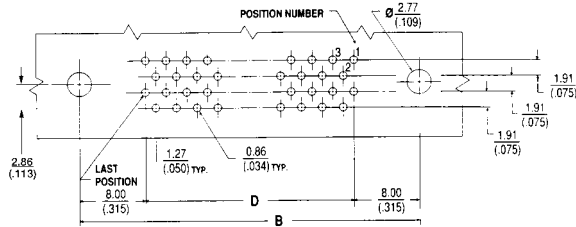
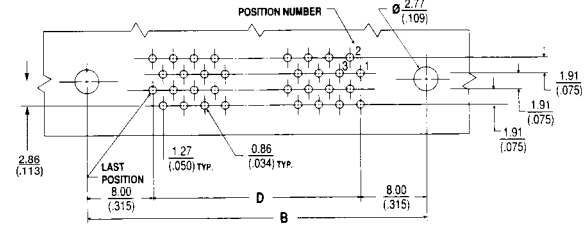


## RECOMMENDED PRINTED CIRCUIT BOARD LAYOUTS

For 26 and 50 Position Parts



For 40, 68, 80, 100 and 120 Position Parts



### Ordering Information

BULKHEAD MOUNTING STYLE	SIZE	DIMENSIONS					CATALOG NUMBER			
		A	B	C	D	E	TAIL LENGTH "J" = .130"		TAIL LENGTH "J" = .162"	
							2-56 PCB MOUNTING	GROUNDED SNAPLATCH	2-56 PCB MOUNTING	GROUNDED SNAPLATCH
2-56 Stand-Off						HFR026RA29BX1	HFR026RA29BS1	HFR026RA29BX2	HFR026RA29BS2	
4-40 Flush	26	37.2	31.2	19.5	15.24	27.1	HFR026RA29CX1	HFR026RA29CS1	HFR026RA29CX2	HFR026RA29CS2
2-56 Cable Latch with Rails		(1.465)	(1.230)	(.766)	(.600)	(1.065)	HFR026RA29JX1	HFR026RA29JS1	HFR026RA29JX2	HFR026RA29JS2
2-56 Cable Latch w/o Rails							HFR026RA29NX1	HFR026RA29NS1	HFR026RA29NX2	HFR026RA29NS2
2-56 Stand-Off							HFR040RA29BX1	HFR040RA29BS1	HFR040RA29BX2	HFR040RA29BS2
4-40 Flush	40	46.1	40.1	28.3	24.13	35.9	HFR040RA29CX1	HFR040RA29CS1	HFR040RA29CX2	HFR040RA29CS2
2-56 Cable Latch with Rails		(1.815)	(1.580)	(1.116)	(.950)	(1.415)	HFR040RA29JX1	HFR040RA29JS1	HFR040RA29JX2	HFR040RA29JS2
2-56 Cable Latch w/o Rails							HFR040RA29NX1	HFR040RA29NS1	HFR040RA29NX2	HFR040RA29NS2
2-56 Stand-Off							HFR050RA29BX1	HFR050RA29BS1	HFR050RA29BX2	HFR050RA29BS2
4-40 Flush	50	52.5	46.5	34.7	30.48	42.3	HFR050RA29CX1	HFR050RA29CS1	HFR050RA29CX2	HFR050RA29CS2
2-56 Cable Latch with Rails		(2.065)	(1.830)	(1.366)	(1.200)	(1.665)	HFR050RA29JX1	HFR050RA29JS1	HFR050RA29JX2	HFR050RA29JS2
2-56 Cable Latch w/o Rails							HFR050RA29NX1	HFR050RA29NS1	HFR050RA29NX2	HFR050RA29NS2
2-56 Stand-Off							HFR068RA29BX1	HFR068RA29BS1	HFR068RA29BX2	HFR068RA29BS2
4-40 Flush	68	63.9	57.9	46.1	41.91	53.7	HFR068RA29CX1	HFR068RA29CS1	HFR068RA29CX2	HFR068RA29CS2
2-56 Cable Latch with Rails		(2.515)	2.280	(1.816)	(1.650)	(2.115)	HFR068RA29JX1	HFR068RA29JS1	HFR068RA29JX2	HFR068RA29JS2
2-56 Cable Latch w/o Rails							HFR068RA29NX1	HFR068RA29NS1	HFR068RA29NX2	HFR068RA29NS2
2-56 Stand-Off							HFR080RA29BX1	HFR080RA29BS1	HFR080RA29BX2	HFR080RA29BS2
4-40 Flush	80	71.5	65.6	53.7	49.53	61.3	HFR080RA29CX1	HFR080RA29CS1	HFR080RA29CX2	HFR080RA29CS2
2-56 Cable Latch with Rails		(2.815)	(2.580)	(2.116)	(1.950)	(2.415)	HFR080RA29JX1	HFR080RA29JS1	HFR080RA29JX2	HFR080RA29JS2
2-56 Cable Latch w/o Rails							HFR080RA29NX1	HFR080RA29NS1	HFR080RA29NX2	HFR080RA29NS2
2-56 Stand-Off							HFR100RA29BX1	HFR100RA29BS1	HFR100RA29BX2	HFR100RA29BS2
4-40 Flush	100	84.2	78.2	66.4	62.23	74.0	HFR100RA29CX1	HFR100RA29CS1	HFR100RA29CX2	HFR100RA29CS2
2-56 Cable Latch with Rails		(3.315)	(3.080)	(2.616)	(2.450)	(2.915)	HFR100RA29JX1	HFR100RA29JS1	HFR100RA29JX2	HFR100RA29JS2
2-56 Cable Latch w/o Rails							HFR100RA29NX1	HFR100RA29NS1	HFR100RA29NX2	HFR100RA29NS2
2-56 Stand-Off							HFR120RA29BX1	HFR120RA29BS1	HFR120RA29BX2	HFR120RA29BS2
4-40 Flush	120	96.9	90.9	79.1	74.9	86.7	HFR120RA29CX1	HFR120RA29CS1	HFR120RA29CX2	HFR120RA29CS2
2-56 Cable Latch with Rails		(3.815)	(3.580)	(3.116)	(2.950)	(3.415)	HFR120RA29JX1	HFR120RA29JS1	HFR120RA29JX2	HFR120RA29JS2
2-56 Cable Latch w/o Rails							HFR120RA29NX1	HFR120RA29NS1	HFR120RA29NX2	HFR120RA29NS2

**DESCRIPTION/APPLICATION**

Thomas & Betts Stacked Connectors increase PC board density of SCSI compatible connections in desktop computers and peripherals. Two different connector configurations are available:

- Fine Pitch .050" SCSI connectors in 52, 100, 136, and 240 positions that stack 26, 50, 68 and 120 position standard Fine Pitch SCSI connectors
- Hybrid 25-position D-Subminiature over 68-position SCSI Fine Pitch connector

Insulator housings and contact alignment plate on D-Subminiature and Fine Pitch SCSI connectors are molded from UL 94V-0 rated, re-flow solder - compatible thermoplastic. Contacts are stamped from high strength copper alloys that are selectively gold plated in the contact engagement area with a tin/lead solder finish over the tail area.

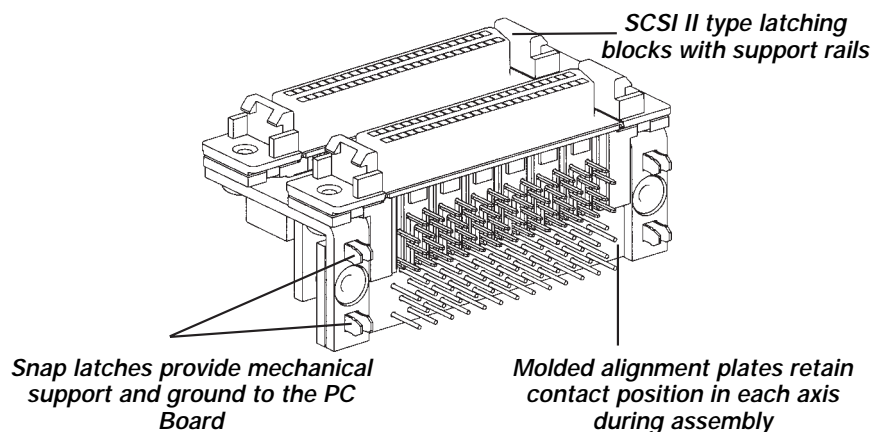
**DESIGN ADVANTAGES**

- Saves PC Board real estate.
- Broad range of size combinations.
- Optional EMI Protective Shields surround contacts, reducing the need for special cables.
- A variety of bulkhead mounting choices as standard hardware.
- Mechanical PC board attachment latches.
- Variety of stacking heights.
- Precision molded alignment plates to assure true position of the contacts and retain vertical location of the tail leads during assembly.
- Optional face-mounted ground straps to prevent electrostatic discharge.

# STACKED CONNECTORS: FINE PITCH SCSI .050"



***Stacking connectors save valuable  
PC Board real estate***



LR49571

E60980