

BODY LENGTH CALCULATION RUGGED HIGH SPEED I/O, JUMPERS, H-SMT, & V-SMT (Not Rear Panel Mount)

INSTRUCTIONS:

1. Select quantity of modules (1-10) and, if needed, a SIGxx from Table A.
2. Add the sum of the selections from Table A to the sum of the gaps between modules and SIGxx's from Table B.
3. Add 0.896 to your previous sum to get the body length.

NOTES:

1. Do not exceed 3.25 inches body length.
2. Modules may go next to modules or SIGxx's.
3. Signals (SIGxx) may only go next to modules.
4. Only count gaps between insulators: not before the first insulator or after the last insulator.
5. By default, modules will be next to the square end of the interface, not the key end.
6. Consult factory for alternate configurations (alternating modules/SIGxx's, etc.)

TABLE A	
	DIMENSION
MODULE	0.200
SIG10	0.321
SIG20	0.571
SIG30	0.821
SIG40	1.071
SIG50	1.321

PLUS

TABLE B		
	GAP DIMENSION IF PREVIOUS ZONE IS SIGxx	GAP DIMENSION IF PREVIOUS ZONE IS MODULE
MODULE	0.028	0.025
SIGxx		0.028

PLUS

0.896

= BODY LENGTH

EXAMPLE:
MMHS-02R1-11B-006-2000 =
Plug, 2 High Speed Modules + 10 position Signal

$(0.200 \times 2) + 0.321 = .721$
Plus Gaps = $(.025 + .028 = .053) + .721 = .774$
Plus Constant = $(.896) + .774 = \mathbf{1.670 \text{ INCHES}}$

