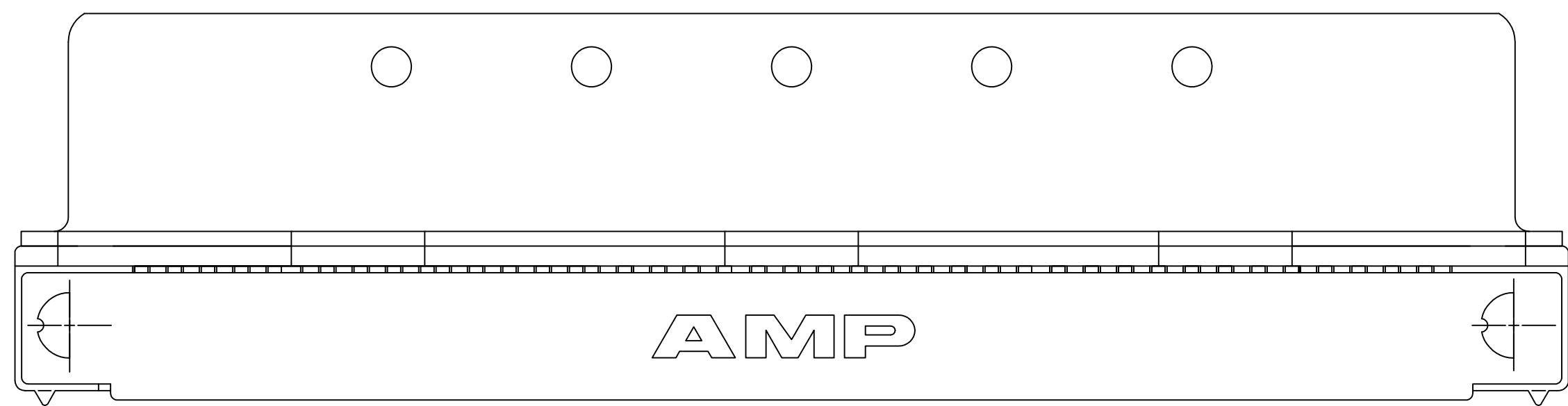
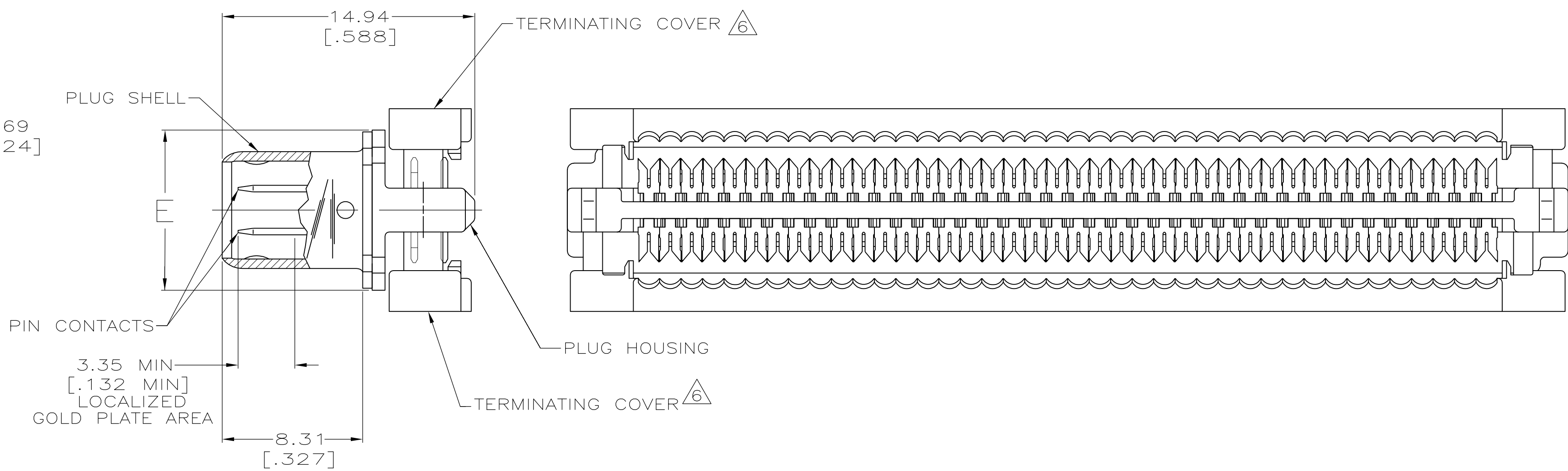
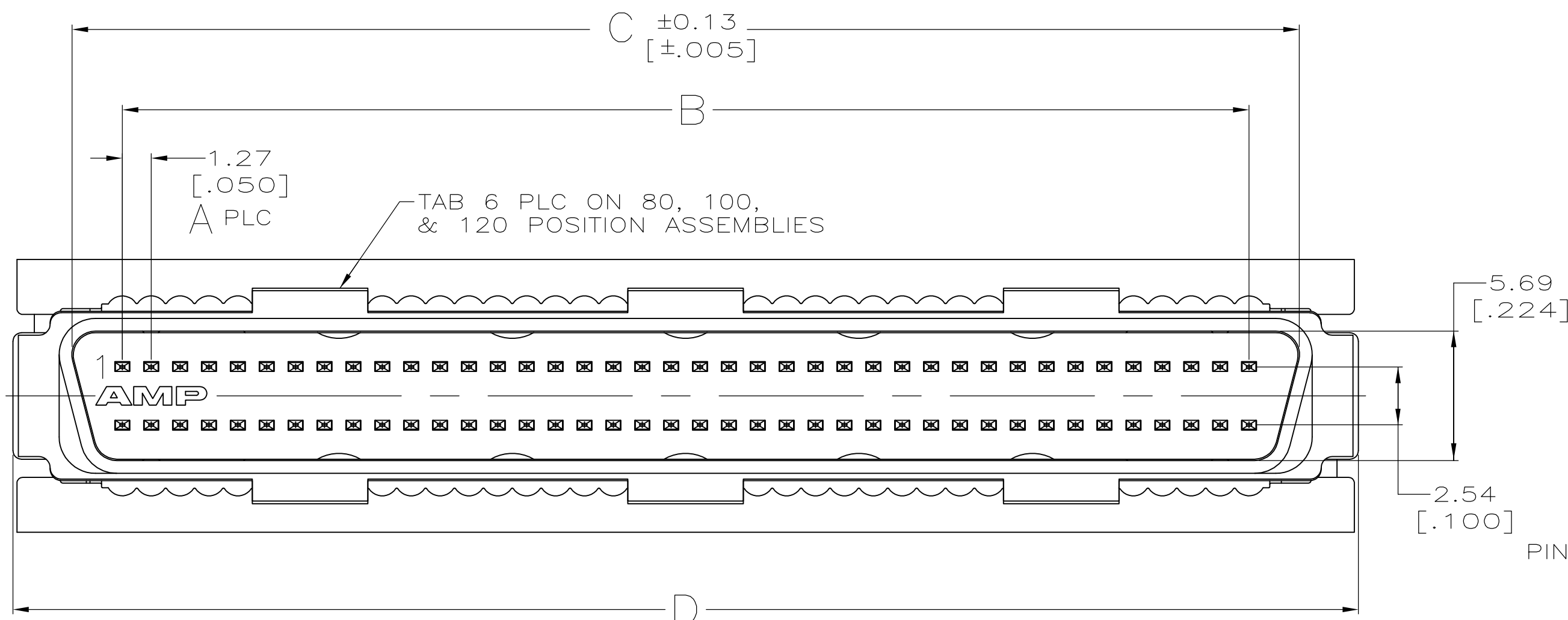




- ① PIN CONTACTS: PHOSPHOR BRONZE.
PLUG SHELL: STEEL.
PLUG HOUSING AND TERMINATING COVERS: THERMOPLASTIC, BLACK, UL V-0 RATED.
- ② $0.25\mu\text{m}$ [.000010] MIN TIN-NICKEL OVER $3.81\mu\text{m}$ [.000150] MIN NICKEL OVER $2.54\mu\text{m}$ [.000100] MIN COPPER.
- ③ EITHER $0.76\mu\text{m}$ [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, $0.76\mu\text{m}$ [.000030] MIN TOTAL IN LOCALIZED PLATE AREA, $1.52\mu\text{m}$ [.000060] MIN TIN-LEAD IN TERMINATION AREA, ALL OVER $1.27\mu\text{m}$ [.000050] MIN NICKEL.
- ④ GOLD FLASH IN LOCALIZED GOLD PLATE AREA, $1.52\mu\text{m}$ [.000060] MIN TIN-LEAD IN TERMINATION AREA, ALL OVER $1.27\mu\text{m}$ [.000050] MIN NICKEL.
- ⑤ 500 CYCLES DURABILITY PER 108-1228 DOES NOT APPLY FOR CONNECTORS WITH LESS THAN $0.76\mu\text{m}$ [.000030] THICK GOLD.
- ⑥ TERMINATING COVERS ARE PACKAGED SEPARATELY.
7. RECOMMENDED WIRE: 28 AWG OR 30 AWG, SOLID OR 7 STRAND, PVC INSULATION WITH A $0.74-0.91$ [.029-.036] INSULATION DIAMETER.
- ⑧ $2.54\mu\text{m}$ - $7.62\mu\text{m}$ [.000100 - .000300] TIN-NICKEL OVER $3.81\mu\text{m}$ - $5.08\mu\text{m}$ [.000150 - .000200] NICKEL OVER $2.54\mu\text{m}$ [.000100] MIN COPPER.
- ⑨ $5.08\mu\text{m}$ - $10.16\mu\text{m}$ [.000200 - .000400] TIN-LEAD OVER $1.27\mu\text{m}$ - $2.54\mu\text{m}$ [.000050 - .000100] COPPER. LUBRICATED AFTER PLATING.
- ⑩ PLATED WITH EITHER $0.76\mu\text{m}$ [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, $0.76\mu\text{m}$ [.000030] MIN TOTAL IN LOCALIZED PLATE AREA, $3.00\mu\text{m}$ [.000118] MIN TIN IN TERMINATION AREA, ALL OVER $1.27\mu\text{m}$ [.000050] MIN NICKEL.

SUPERSEDED BY 5749621-9	9.47 [.373]	71.86 [2.829]	66.60 [2.622]	62.23 [2.450]	49			100	1-749621-8
SUPERSEDED BY 5749621-5	7.44 [.293]	40.11 [1.579]	34.85 [1.372]	30.48 [1.200]	24			50	1-749621-7
	7.44 [.293]	51.54 [2.029]	46.28 [1.822]	41.91 [1.650]	33			68	1-749621-6
OBSOLETE	7.44 [.293]	40.11 [1.579]	34.85 [1.372]	30.48 [1.200]	24			50	 1-749621-5
OBSOLETE	7.44 [.293]	31.22 [1.229]	25.96 [1.022]	21.59 [.850]	17			36	1-749621-1
OBSOLETE	9.47 [.373]	84.56 [3.329]	79.30 [3.122]	74.93 [2.950]	59			120	1-749621-0
OBSOLETE	9.47 [.373]	71.89 [2.829]	66.60 [2.622]	62.23 [2.450]	49			100	749621-9
	9.47 [.373]	59.16 [2.329]	53.90 [2.122]	49.53 [1.950]	39			80	749621-8
	7.44 [.293]	51.54 [2.029]	46.28 [1.822]	41.91 [1.650]	33			68	749621-7
OBSOLETE	7.44 [.293]	46.46 [1.829]	41.20 [1.622]	36.83 [1.450]	29			60	749621-6
SUPERSEDED BY 5749621-5	7.44 [.293]	40.11 [1.579]	34.85 [1.372]	30.48 [1.200]	24			50	749621-5
OBSOLETE	7.44 [.293]	33.76 [1.329]	28.50 [1.122]	24.13 [.950]	19			40	749621-4
OBSOLETE	7.44 [.293]	26.14 [1.029]	20.88 [.822]	16.51 [.650]	13			28	749621-3
	7.44 [.293]	24.87 [.979]	19.61 [.772]	15.24 [.600]	12			26	749621-2
OBSOLETE	7.44 [.293]	21.06 [.829]	15.80 [.622]	11.43 [.450]	9			20	749621-1
	E	D	C	B	A	SHELL FINISH	CONTACT FINISH	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: M.E. SHIRK 03/31/89 CHK: JOHN A. ROOT 04/03/89 APP'D: _____		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± 0.38 (0.15) 4 PLC ± — FINISH: _____ ANGLES: ± — SHELL: SEE TABLE		PRODUCT SPEC 103-1228  APPLICATION SPEC 114-40029 WEIGHT: —	
MATERIAL:  1		NAME: _____ KIT, PLUG ASSEMBLY, AMPLIMITE .050 Series		SIZE: _____ CAGE CODE: _____ DRAWING NO: _____ RESTRICTED TO: _____	
		CUSTOMER DRAWING: _____		SCALE: 5:1 SHEET 1 OF 1 REV: AA	