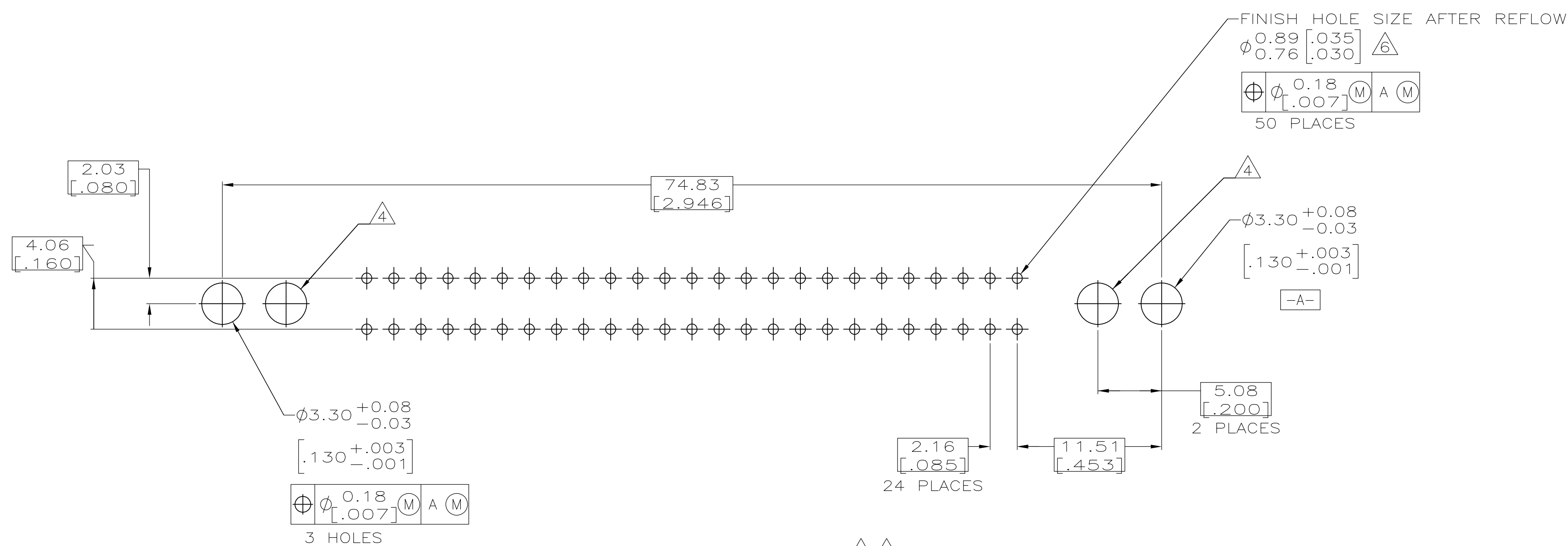
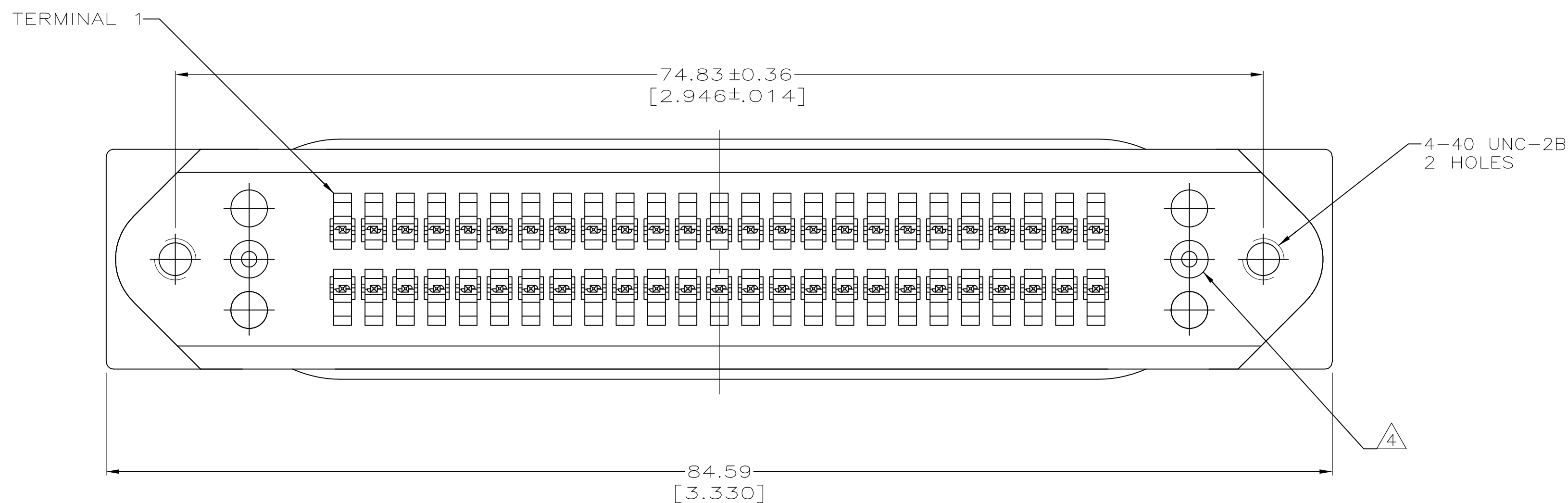
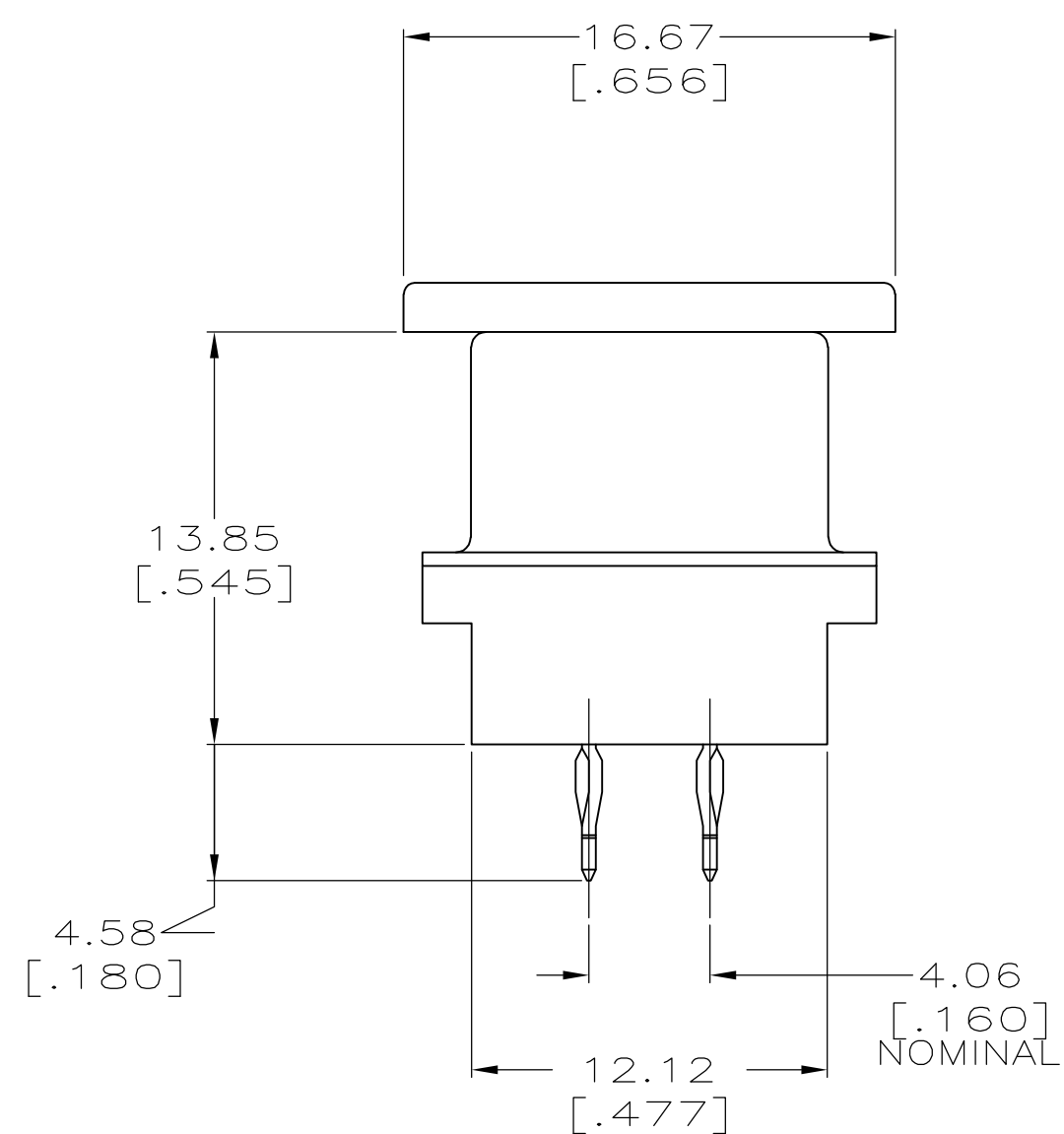




PRINTED CIRCUIT BOARD  

MOUNTING DIMENSIONS

1. DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
2. MATERIAL: HOUSING - POLYESTER, BLACK.
TERMINAL - COPPER ALLOY PLATED WITH $0.76\mu\text{m}$
[.000030] MINIMUM GOLD ON MATING SURFACE AND:
557984-1 - $0.13\mu\text{m}$ [.000005] MINIMUM GOLD ON
ACTION PIN AREA
557984-2 - $2.54\mu\text{m}$ [.000100] MINIMUM TIN-LEAD
ON ACTION PIN AREA
OVER $1.27\mu\text{m}$ [.000050] MINIMUM NICKEL UNDERPLATE
OVER ENTIRE TERMINAL.
RETAINER - POLYETHYLENE, NATURAL.
SHIELD - CARBON STEEL, PLATED BRIGHT NICKEL
 $5.08\mu\text{m}$ [.000200] MINIMUM.
3. THE CONTACT SURFACES OF THE TERMINALS ARE
COATED WITH LUBRICANT.
4. OPTIONAL MOUNTING HOLE FOR SELF-TAPPING
SCREW.
5. "1" ON HOUSING INDICATES LOCATION OF
TERMINAL 1.
6. ALL PLATED-THRU HOLES SHALL BE PER AMP SPEC
115-6072.
7. 50 LBS. MINIMUM FORCE REQUIRED TO UNSEAT
CONNECTOR FROM PRINTED CIRCUIT BOARD
WITHOUT USE OF HARDWARE.
8. CENTER-TO-CENTER SPACING OF TERMINALS IS
 2.16 [.085] NOMINAL.
9. RETAINER MUST REMAIN INSTALLED UNTIL AFTER
CONNECTOR HAS BEEN INSERTED INTO PCB HOLES.

OBSOLETE	△ TIN-LEAD	557984-2
	△ GOLD	557984-1
	ACTION PIN PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 144PR93 JOEL H. WOOTEN CHK 22APR93 C. WHITT		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± -  2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± ± -		NAME APVD 26APR93 R. RAHERTY	
		PRODUCT SPEC 108-6019 APPLICATION SPEC 114-6027		RECEPTACLE ASSEMBLY 50 POSITION SHIELD ASSEMBLY PIN CHAMP	
MATERIAL 		WEIGHT -		SIZE A1	
FINISH 		DRAWING NO C=557984		RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 1 OF 1 REV F	