

ENSIONS ARE MAXIMUM UNLESS OTHERWISE
ECIFIED.

2 MATERIAL: HOUSING - POLYESTER, BLACK.
TERMINALS - COPPER ALLOY PLATED WITH $0.76\mu\text{m}$
[.000030] MINIMUM GOLD ON MATING SURFACE AND
 $2.54\mu\text{m}$ [.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.
INSERTS - ZINC PLATED BRASS.

3. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.

4 OPTIONAL MOUNTING HOLE FOR SELF-TAPPING SCREW.

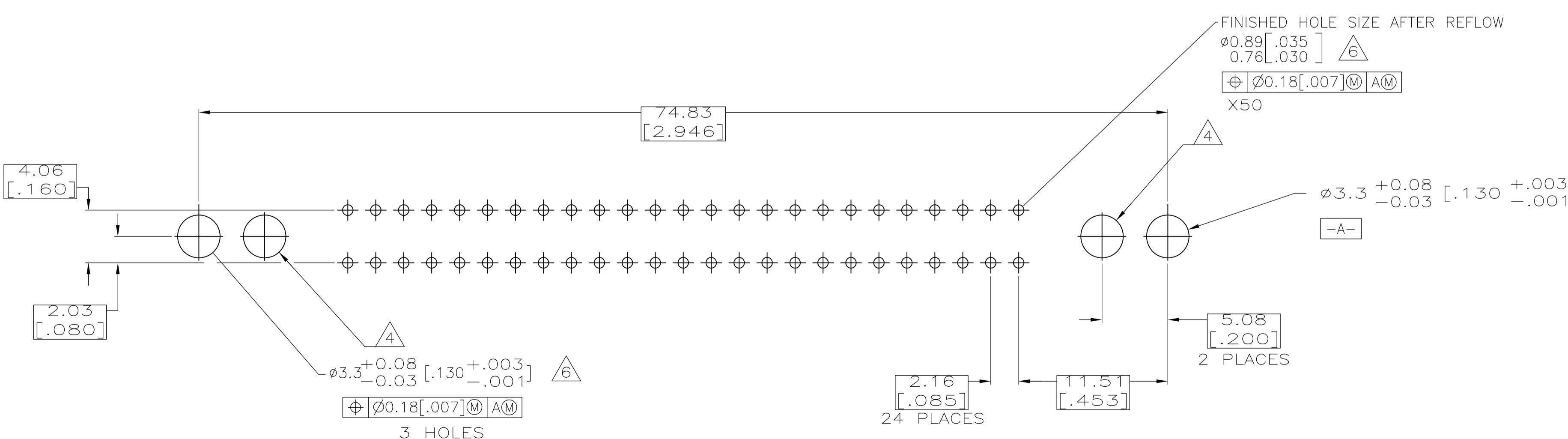
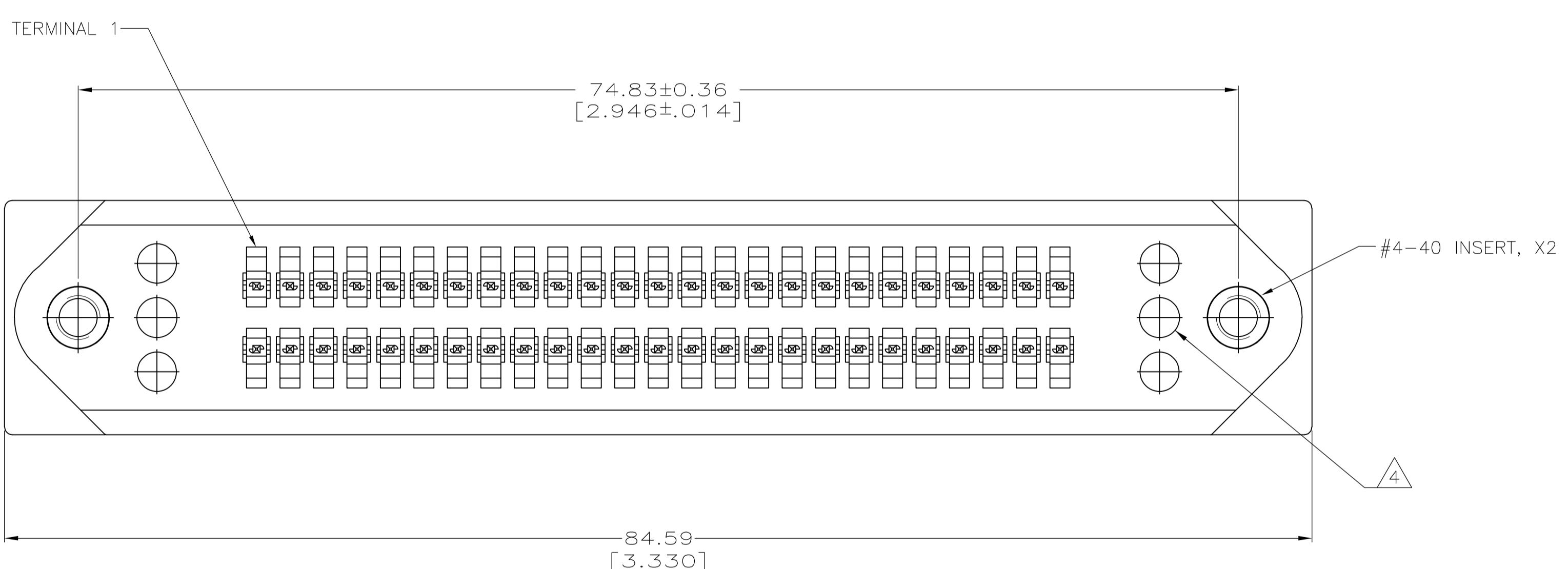
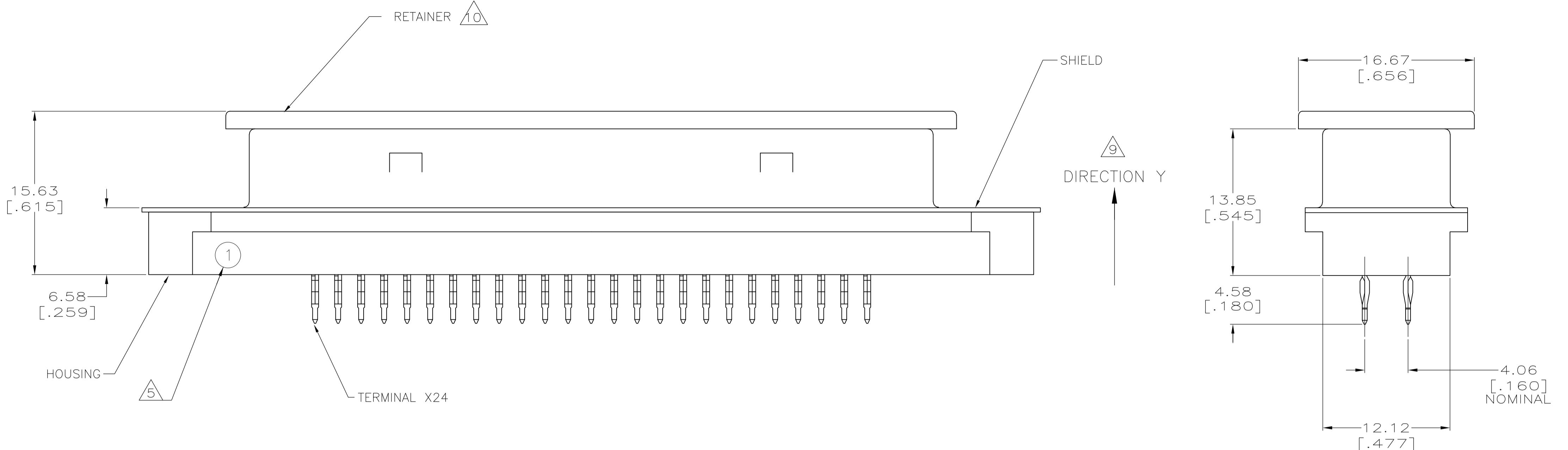
- 5 "1" ON HOUSING INDICATES LOCATION OF TERMINAL 1.
- 6 ALL PLATED-THRU HOLES SHALL BE PER AMP SPEC
115-6072

 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 INSERTS SHALL WITHSTAND A 222 N [50 LB] PULL FORCE IN DIRECTION Y.

 10 RETAINER MUST REMAIN INSTALLED UNTIL AFTER CONNECTOR HAS BEEN INSERTED INTO PCB HOLES.



PRINTED CIRCUIT BOARD MOUNTING DIMENSIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Z.M.REAM 29FEB2008	 Tyco Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608				
DIMENSIONS: mm		CHK W.L.MILLHIMES 29FEB2008		NAME RECEPTACLE ASSEMBLY, 50 POSITION, WITH INSERT, SHIELDED, ACTION PIN, CHAMP				
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD R.H.WERTZ 29FEB2008	PRODUCT SPEC — APPLICATION SPEC —				
		MATERIAL FINISH 	WEIGHT —	SIZE A1	CAGE CODE 00779	DRAWING NO C-2007381	RESTRICTED TO —	
CUSTOMER DRAWING						SCALE 4:1	SHEET 1 OF 1	REV A

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