

△ MATERIAL: HOUSING - POLYESTER, BLACK.
TERMINALS - COPPER ALLOY PLATED WITH 0.76μm
[.000030] MINIMUM GOLD ON MATING SURFACE AND
2.54μm [.000100] MINIMUM TIN-LEAD ON ACTION PIN
AREA OVER 1.27μm [.000050] MINIMUM NICKEL
UNDERPLATE OVER ENTIRE TERMINAL.
RETAINER - POLYETHYLENE, NATURAL.
SHIELD - CARBON STEEL, PLATED BRIGHT NICKEL
5.08μm [.000200] MINIMUM.
INSERTS - ZINC PLATED BRASS.

4 OPTIONAL MOUNTING HOLE FOR SELF-TAPPING SCREW.

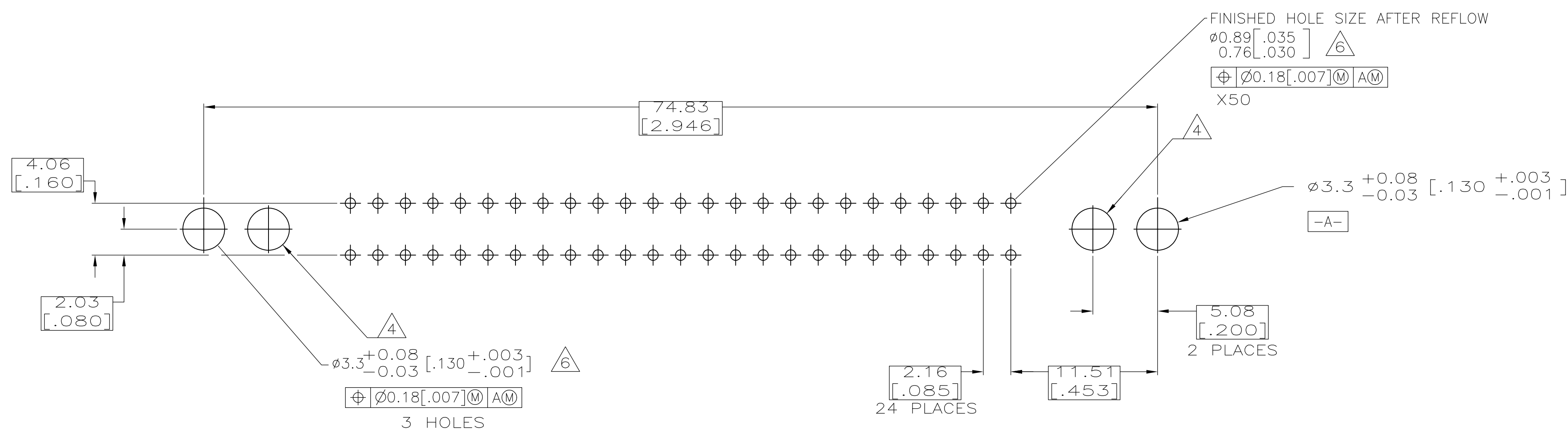

6 ALL PLATED-THRU HOLES SHALL BE PER AMP SPEC
115-6072.

 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 

2007381-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 29FEB2008 Z.M.REAM CHK 29FEB2008 W.L.MILLHIMES APVD 29FEB2008 R.H.WERTZ		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 10 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - 		NAME RECEPTACLE ASSEMBLY, 50 POSITION, WITH INSERT, SHIELDED, ACTION PIN, CHAMP	
MATERIAL 		FINISH 		WEIGHT —	
CUSTOMER DRAWING		SIZE A1		GAGE CODE 00779	
DRAWING NO 2007381		RESTRICTED TO —		SCALE 4:1 SHEET 1 of 1 REV A	

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