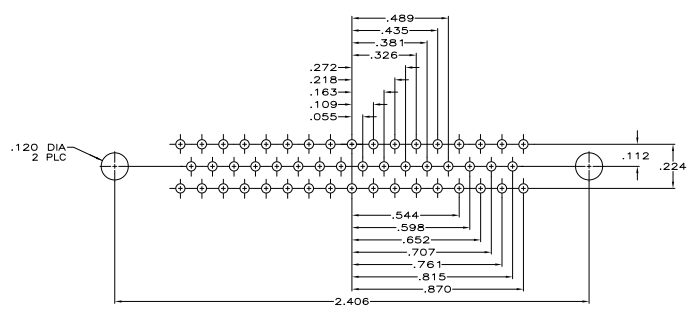
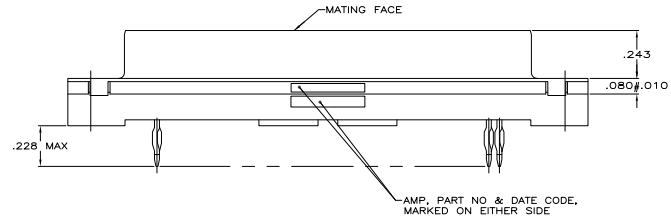
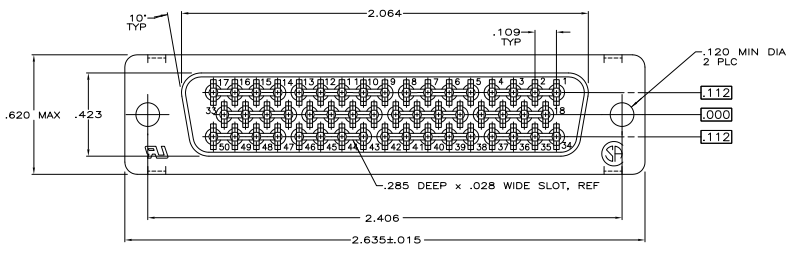


REV	DATE	DESCRIPTION	BY	CHK	APP
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01		REVISED PER EDD-10-019804			



RECOMMENDED PC BOARD HOLE LAYOUT  $\Delta$

- $\Delta$  PC BOARD RECOMMENDATIONS:
  - A. HOLES SHOULD BE DRILLED WITH A 1.15 mm DRILL.
  - B. MINIMUM PCB TIN/LEAD PLATING TO BE .0003 THICK OVER .002±.001 THICK COPPER.
  - C. RECOMMENDED HOLE SIZE AFTER TIN/LEAD PLATING IS .037 TO .043 FOR PCB .093 TO .125 THICK.
  - D. IF HOLE IS REFLOWED AFTER PLATING, DIA TO BE .036 TO .043.
- $\Delta$  DUPLEX PLATED: GOLD FLASH ON MATING SURFACE, BRIGHT TIN OR BRIGHT TIN LEAD ON COMPLIANT PIN.
- $\Delta$  .076 MICROMETERS [.000030] MINIMUM GOLD IN MATING AREA. 2.54 MICROMETERS [.000100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICROMETERS [.000050] MINIMUM NICKEL. OR GOLD FLASH OVER PALLADIUM NICKEL. .076 MICROMETERS [.000030] MINIMUM TOTAL IN MATING AREA. 2.54 MICROMETERS [.000100] MINIMUM TIN OR TIN-LEAD ON COMPLIANT PIN. ALL OVER 1.27 MICROMETERS [.000050] MINIMUM NICKEL.
- $\Delta$  PLATED .0002-.0004 BRIGHT TIN
- 5. CONNECTOR MATES WITH ANY SIZE 5, 50 POSITION PLUG IN AMPLIMITE™ SERIES & COMPLIES WITH AMP SPEC 108-40014 WHERE APPLICABLE.

SUPERSEDED BY 747143-2	$\Delta$	747143-2
	$\Delta$	747143-1
		PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE	04-12-84	Tels Electronics Corporation	
DESIGNED	BY	DATE	04-28-84	Harrisburg, PA 17105-3608	
DRAWN	BY	DATE			
CHECKED	BY	DATE			
APPROVED	BY	DATE			
REVISIONS		REV	DATE	DESCRIPTION	BY
1		A1	00779	RCPT ASSY, SIZE 5, 50 POSN, AMPLIMITE™	
2				HDP, MM PROFILE, W/ ACTION	
3				PIN CONT & METAL SHELL (PCB .093/.125)	
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