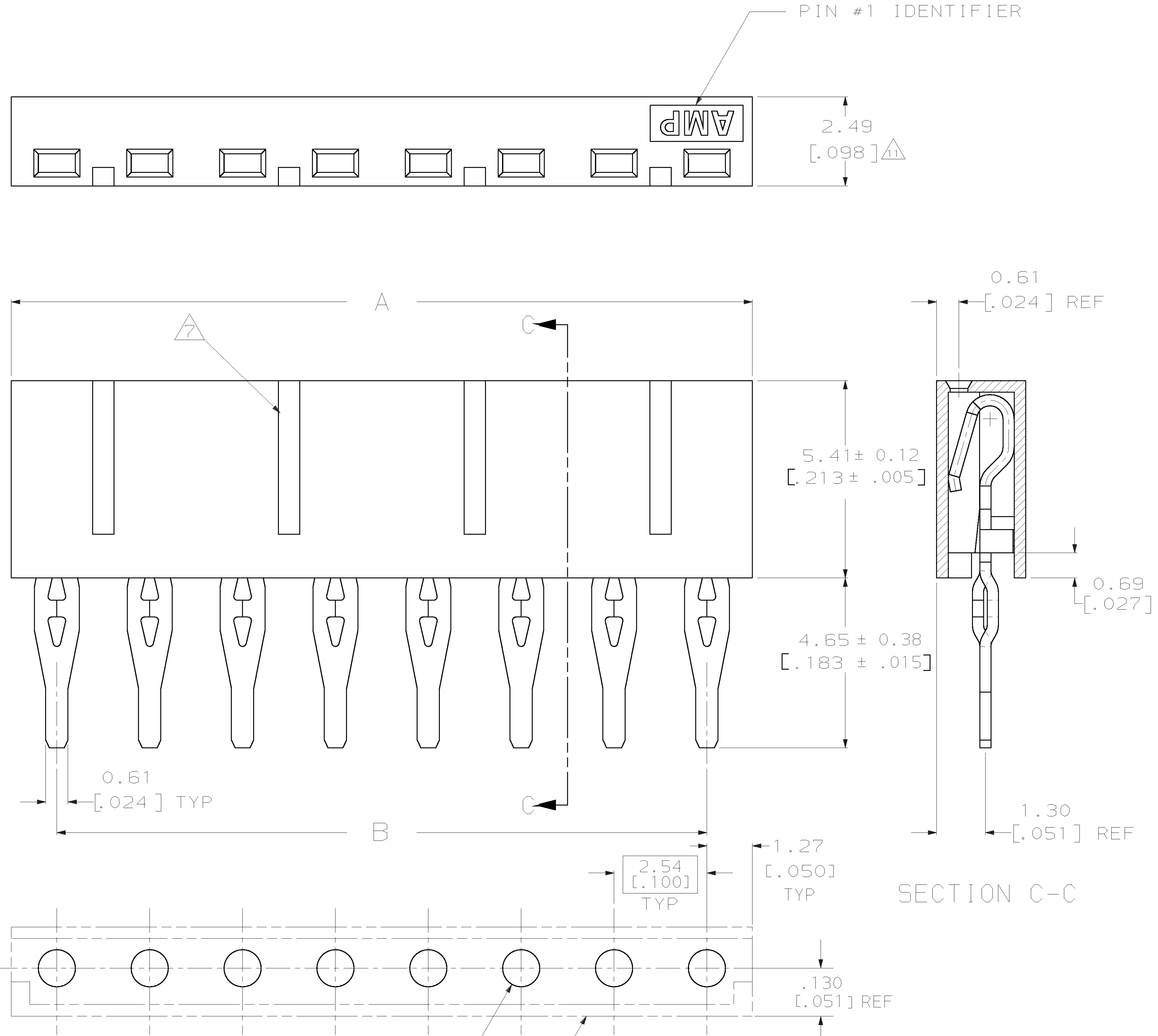


LOC		DIST		REV		REVISIONS		DATE	APPD
FT	64	P	F	ZONE	LTR	DESCRIPTION			
					D	REV PER 063C-0104-01		19JUL01	JO
					E	REV PER EC 063C-290-04		02AUG04	KW



- SOCKET OPERATING TEMPERATURE RANGE:  
-55° C TO 105° C.
  - SOCKET INSERTED VIA "FLAT ROCK" TOOLING INTO  
1.4 [.055] MINIMUM AND THICKER P.C. BOARDS.
  - EXPECTED SOCKET LIFE: ONE INSERTION AND  
WITHDRAWAL CYCLE INTO P. C. BOARD. P. C. BOARD  
HOLES CAN BE REUSED WITH NEW SOCKETS.
  - ACCEPTS 0.203 [.008]-0.381 [.015] THICK X 0.254  
[.010]-0.762 [.030] WIDE, TIN-LEAD PLATED,  
RECTANGULAR COMPONENT LEADS AND 0.254 [.010]-  
0.457 [.018] DIA, TIN-LEAD PLATED, ROUND  
LEADS, .318 [.125]-5.08 [.200] LONG.
  - CONTACT NORMAL FORCE AND LEAD RETENTION  
VALUES ARE MAINTAINED ONLY WHEN A SOCKET IS  
USED FOR REPEATED ACCEPTANCE OF COMPONENT  
LEADS OF THE SAME SIZE AS THOSE PREVIOUSLY  
INSERTED OR LARGER. WHEN A COMPONENT WITH  
LARGE DIAMETER LEADS IS TO BE REPLACED WITH  
A COMPONENT WITH SMALL CROSS SECTION LEADS,  
THE SOCKET MUST BE REPLACED ALSO.
  - MULTIPLE SOCKETS CAN BE POSITIONED ON A 2.54  
[.100] CENTERLINE GRID.
- △ SLOTS ALONG SIDE OF HOUSING ARE INTENDED TO  
FUNCTION AS VISUAL ORIENTATION FEATURES TO  
ASSIST IN PLACING SOCKETS CORRECTLY IN P.C.  
BOARDS.
- ⊗ P.C. BOARD REQUIREMENTS:  
DRILLED HOLE DIAMETER SHALL BE 1.15±0.025  
[.0453±.0010], COPPER PLATING THICKNESS SHALL  
BE 0.025 [.001] TO 0.076 [.003], TIN/LEAD PLATING  
THICKNESS SHALL BE 0.0076 [.0003] MINIMUM.
- ⊙ CONTACT MATERIAL, PHOSPHOR BRONZE, .0120 STOCK  
THICKNESS.
- ⊕ CONTACT FINISH: 93/7 TIN-LEAD PLATE, 0.00381  
[.000150] MIN THICKNESS.
- ⊖ MAXIMUM WIDTH OF .100 ALLOWED AT ENDS ONLY.

OB	OB	OB	OB
20.32 [.800]	22.86 [.900]	9	382444-5
27.94 [1.100]	30.48 [1.200]	12	382444-4
22.86 [.900]	25.4 [1.000]	10	382444-3
17.78 [.700]	20.32 [.800]	8	382444-2
12.7 [.500]	15.24 [.600]	6	382444-1
B	A	NO OF POSITIONS	PART NO

⊗ 1.016 ± 0.076 DIA HOLE TYP  
 [.040 ± .003] ⊕ ∅ 0.23 [.009] ⊖

RECOMMENDED P.C. BOARD HOLE LAYOUT  
 (COMPONENT SIDE)

SECTION C-C

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON: 2 PLC DEC ± - 3 PLC DEC ± 0.13 [.005] ANGLES ± -		DR 7-7-94 R. MARION CHK 7-7-94 R. TALLEY APPD 7-8-94 M. HUDDLESTON APPD 7-8-94 M. STADDON		AMP Incorporated Harrisburg, PA 17105-3508	
HOUSING: LCP CONTACT: ⊗	PRODUCT SPEC 108-1251	NAME SOCKET ASSY, COMPLIANT PIN, SIP			
FINISH CONTACT: ⊕	APPLICATION SPEC 114-25039	SIZE D	CAGE CODE 00779	DRAWING NO C=382444	
WEIGHT -		SCALE 15:1	SHEET 1 OF 1		

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.