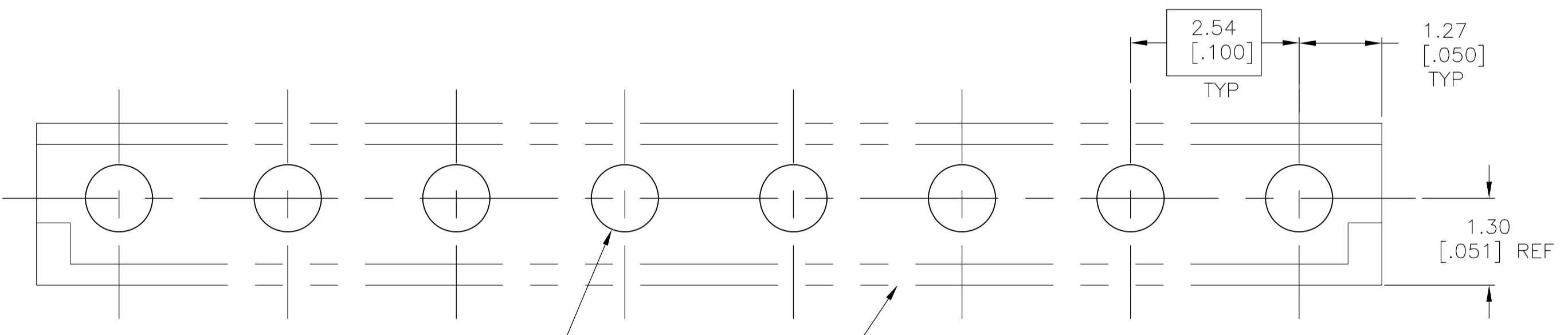


- SOCKET OPERATING TEMPERATURE RANGE:  
-55° C TO 105° C.
  - SOCKET INSERTED VIA "FLAT ROCK" TOOLING INTO  
-1.4 [.055] MINIMUM AND THICKER P.C.BOARDS.
  - EXPECTED SOCKET LIFE: ONE INSERTION AND  
-WITHDRAWAL CYCLE INTO P. C. BOARD. P. C. BOARD  
-HOLES CAN BE REUSED WITH NEW SOCKETS.
  - ACCEPTS 0.203[.008]-0.381[.015] THICK X 0.254  
-[.010]-0.762[.030] WIDE, TIN-LEAD PLATED,  
-RECTANGULAR COMPONENT LEADS AND 0.254[0.10]-  
-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.
- 7 - SLOTS ALONG SIDE OF HOUSING ARE INTENDED TO  
-FUNCTION AS VISUAL ORIENTATION FEATURES TO  
-ASSIST IN PLACING SOCKETS CORRECTLY IN P.C.  
-BOARDS.
- 8 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.
- 9 CONTACT MATERIAL, PHOSPHOR BRONZE .0120 STOCK
- 10 CONTACT FINISH: 93/7 TIN-LEAD PLATE, 0.00381  
[.000150] MIN THICKNESS.
- 11 MAXIMUM WIDTH OF .100 ALLOWED AT ENDS ONLY.
- 12 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



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

8  $\phi 1.016 \pm 0.076$  DIA HOLE TYP  
[.040 ± .003]  
9  $\phi 0.23 [0.009]$

STANDOFF OUTLINE

12	OBSOLETE	20.32[.008]	22.86[.900]	9	382444-5
	OBSOLETE	27.94[1.100]	30.48[1.200]	12	<del>382444-4</del>
		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 POSITION	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN R MARION 07JUL94	07JUL94	STE TE Connectivity	
mm [INCHES]		CHK R TALLEY 07JUL94	07JUL94	NAME M HUDDLESTON	
0 PLC ± -		APVD M HUDDLESTON 08JUL94	08JUL94	PRODUCT SPEC	
1 PLC ± -				108-1251	
2 PLC ± -				APPLICATION SPEC	
3 PLC ± 0.13 [.005]				114-25039	
4 PLC ± -				WEIGHT	
ANGLES ± ± -				A1 00779 C=382444	
MATERIAL HOUSING: LCP	FINISH	CONTACT: Δ	CONTACT: Δ	SCALE 15:1	SHEET 1 OF 1
CONTACT: Δ				CUSTOMER DRAWING	REV E2