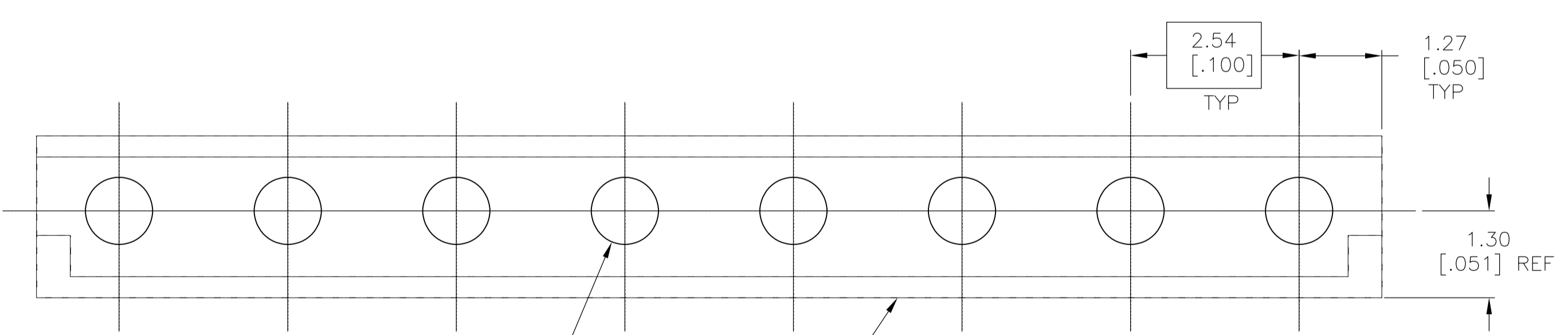


- SOCKET OPERATING TEMPERATURE RANGE:  
-55° C TO 105° C.
  - SOCKET INSERTED VIA "FLAT ROCK" TOOLING INTO  
-1.4 [.055] MINIMUM AND THICKER P.C.BOARDS.
  - EXPECTED SOCKET LIFE: ONE INSERTION AND  
-WITHDRAWAL CYCLE INTO P. C. BOARD. P. C. BOARD  
-HOLES CAN BE REUSED WITH NEW SOCKETS.
  - ACCEPTS 0.203[.008]-0.381[.015] 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



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

STANDOFF OUTLINE

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

△12 OBSOLETE	20.32[.008]	22.86[.900]	9	382444-5
△12 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: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± - 1. PLC ± - 2. PLC ± - 3. PLC ± 0.13 [.005] 4. PLC ± - ANGLES ± -	FINISH	CONTACT: △
MATERIAL: HOUSING: LCP CONTACT: △	FINISH	WEIGHT	CUSTOMER DRAWING

DWN: R. MARION 07JUL94  
 CHK: R. TALLEY 07JUL94  
 APVD: M. HUDDLESTON 08JUL94  
 NAME: M. HUDDLESTON  
 PRODUCT SPEC: 108-1251  
 APPLICATION SPEC: 114-25039  
 Tyco Electronics Corporation  
 Harrisburg, PA 17105-3608  
 SOCKET ASSY, COMPLIANT PIN, SIP  
 SIZE: A1  
 CAGE CODE: 00779  
 DRAWING NO: 382444  
 RESTRICTED TO: -  
 SCALE: 15:1 SHEET 1 OF 1 REV E1