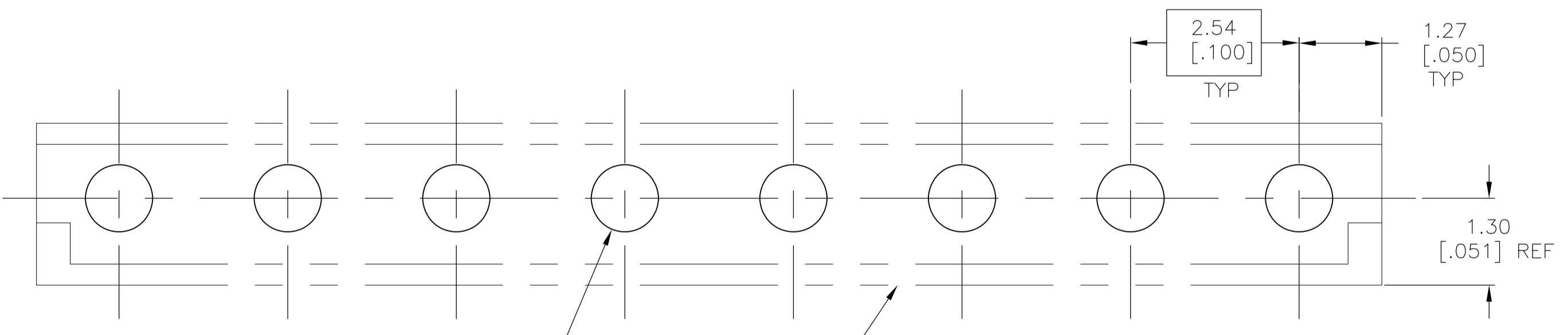


SECTION C-C

- 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.
- $\Delta 7$ -SLOTS ALONG SIDE OF HOUSING ARE INTENDED TO
-FUNCTION AS VISUAL ORIENTATION FEATURES TO
-ASSIST IN PLACING SOCKETS CORRECTLY IN P.C.
-BOARDS.
- $\Delta 8$ 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.
- $\Delta 9$ CONTACT MATERIAL, PHOSPHOR BRONZE .0120 STOCK
- $\Delta 10$ CONTACT FINISH: 93/7 TIN-LEAD PLATE, 0.00381
[.000150] MIN THICKNESS.
- $\Delta 11$ MAXIMUM WIDTH OF .100 ALLOWED AT ENDS ONLY.
- $\Delta 12$ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



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

STANDOFF OUTLINE

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

$\Delta 12$ OBSOLETE	20.32[.008]	22.86[.900]	9	382444-5
OBSOLETE	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 POSITION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN R. MARION 07JUL94	APVD M. HUDDLESTON 08JUL94 NAME
ϕ	0 PLC ± -	CHK R. TALLEY 07JUL94	PRODUCT SPEC 108-1251
	1 PLC ± -		APPLICATION SPEC 114-25039
	2 PLC ± -		WEIGHT -
	3 PLC ± 0.13 [.005]		CUSTOMER DRAWING
	4 PLC ± -		
	ANGLES ± -		

MATERIAL: HOUSING: LCP CONTACT: Δ

FINISH: CONTACT: Δ

SCALE: 15:1 SHEET: 1 OF 1 REV: E2

OBSELETE NOT the LATEST REVISION

SOCKET ASSY, COMPLIANT PIN, SIP