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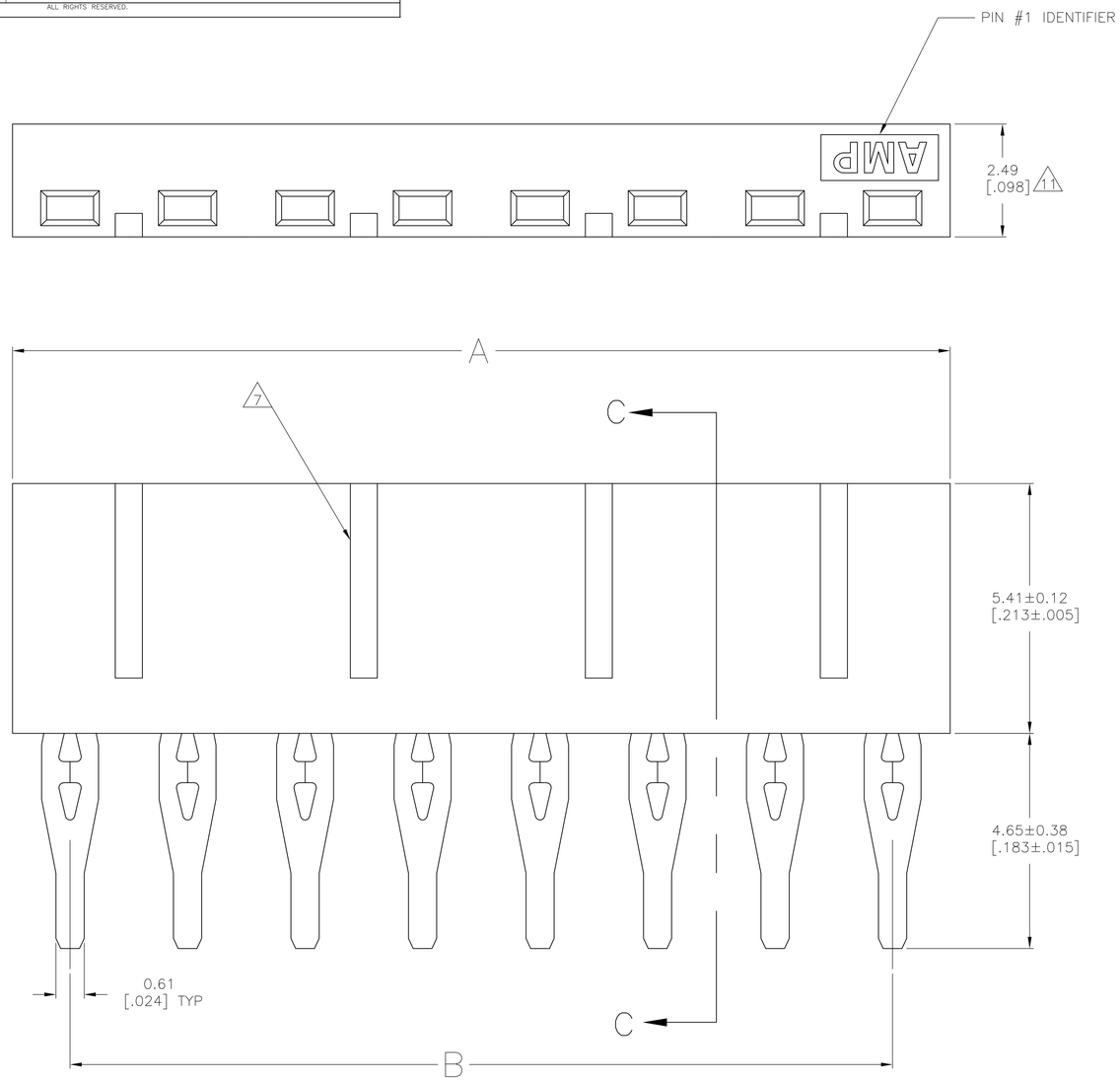
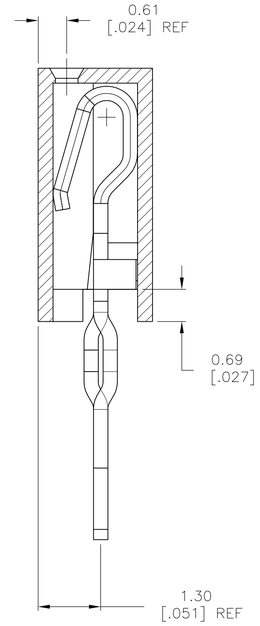
LOC	DIST
AD	00

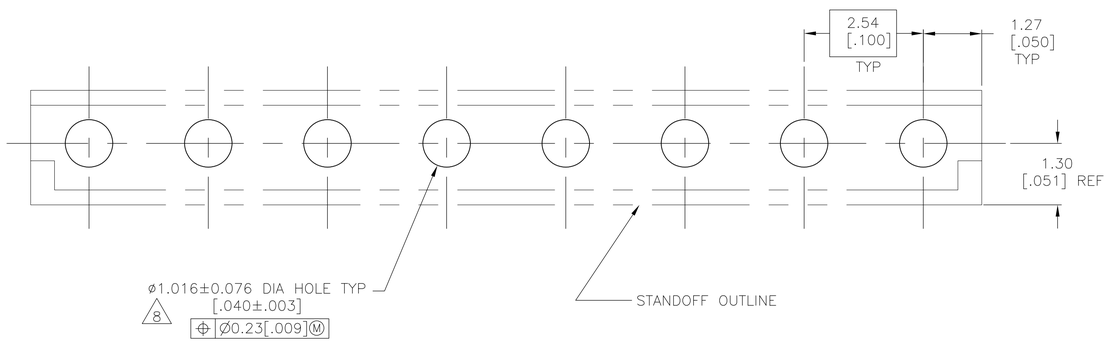
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E2	REVISED PER ECO-11-005027	12MAR11	RK	HMR





SECTION C–C



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

1. –SOCKET OPERATING TEMPERATURE RANGE:
–55° C TO 105° C.

2. –SOCKET INSERTED VIA "FLAT ROCK"TOOLING INTO
–1.4 [.055] MINIMUM AND THICKER P.C.BOARDS.

3. –EXPECTED SOCKET LIFE: ONE INSERTION AND
–WITHDRAWAL CYCLE INTO P. C. BOARD. P. C. BOARD
–HOLES CAN BE REUSED WITH NEW SOCKETS.

4. –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.

5. –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.

6. –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

OBSOLETE	20.32[.008]	22.86[.900]	9	382444–5
12 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:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± 0.13 [.005]
4 PLC ± –
ANGLES ± –

MATERIAL
HOUSING: LCP
CONTACT: 9

FINISH
CONTACT: 10

DWN R. MARION 07JUL94
CHK R. TALLEY 07JUL94
APVD M. HUDDLESTON 08JUL94

PRODUCT SPEC 108–1251
APPLICATION SPEC 114–25039
WEIGHT –

TE Connectivity

NAME SOCKET ASSY, COMPLIANT PIN, SIP

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C–382444	–

CUSTOMER DRAWING | SCALE 15:1 | SHEET 1 OF 1 | REV E2

4805 (3/11)