



PLATED-THROUGH-HOLE REQUIREMENTS
SCALE 25:1

- 1 BERYLLIUM COPPER PER ATSM B197.
- 2 .000635 [.000025] MIN. GOLD OVER .001270 [.000050] MIN. NICKEL.
- 3 .000762 [.000030] MIN. GOLD OVER .001270 [.000050] MIN. NICKEL.
- 4 .002032 [.000080] MIN. MATTE TIN-LEAD OVER .001905 [.000075] MIN. COPPER.
- 5 QUALIFIED TO MILITARY SPECIFICATION MIL-DTL-83805/6
- 6 ROUND LEAD DIAMETER 0.41-0.53 [.016-.021].
- 7 ROUND LEAD DIAMETER 0.51-0.76 [.020-.030].
- 8 ROUND LEAD DIAMETER 0.64-0.89 [.025-.035].
- 9 ROUND LEAD DIAMETER 0.89-1.14 [.035-.045].
- 10 RECTANGULAR LEAD SIZE 0.28X0.46±0.05 [.011X.018±.002].
- 11 RECTANGULAR LEAD SIZE 0.64 SQ. [.025 SQ.].
- 12 LOW INSERTION/WITHDRAWAL FORCE PRODUCT.
- 13 NOMINAL DRILL SIZE FOR PRIMARY HOLE.
- 14 FINISHED HOLE DIAMETER.
- 15 PLATED-THRU HOLE FINISH: 0.0076-0.0127 [.0003-.0005] TIN-LEAD OVER 0.001 [.0254] MIN. COPPER
- 16 MINIMUM THICKNESS FOR THE CIRCUIT BOARD.
- 17 OVERSIZED PRODUCT- FOR USE WHEN THE FINISHED HOLE DIAMETER EXCEEDS 1.15 [.0453] BY 0.05 [.002] OR LESS.
- 18 THESE PRODUCTS ARE BULK PACKAGED.
- 19 .002032 [.000080] MIN. MATTE TIN (LEAD FREE) OVER .001905 [.000075] MIN COPPER
- 20 PRELIMINARY PART, NOT RELEASED FOR PRODUCTION.
- 21 .0046 [.000180] MIN TIN
- 22 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

22 OBSOLETE

0.76 [.030]	1.07 [.042]	1.588 [.0625]	3.45 [.136]	3.56 [.140]	1.47 [.058]	1.61 [.0635]	10,000	8 11	-	4	8134-HC-8P3	2-1437506-8
										2	8134-HC-8P2	2-1437506-7
										4	8134-HC-6P3	2-1437506-5
										2	8134-HC-6P2	2-1437506-4
										4	8134-HC-5P3	2-1437506-1
										2	8134-HC-5P2	2-1437506-0
										4	8134-HC-14P3	1-1437506-7
										2	8134-HC-14P2	1-1437506-6
										4	8134-HC-12P3	1-1437506-4
										2	8134-HC-12P2	1-1437506-3
										9	8134-HC-8P3LF	8-1437514-8
										9	8134-HC-27P4	6-1437514-5
										4	8134-HC-27P3	4-147699-4
										2	8134-HC-14P3	6-1437514-2
										21	8134-HC-14P2	6-1437514-1
										4	8134-HC-12P3	6-1437514-0
										19	8134-HC-12P3LF	8-1437514-9
										3	M83505/6-004/5	7-1437514-9
										2	8134-HC-12P2	5-1437514-9
										4	8134-HC-8P3	7-1437514-1
										3	M83505/6-003/5	8-1437514-2
										2	8134-HC-8P2	7-1437514-0
										19	8134-HC-6P3LF	9-1437514-1
										4	8134-HC-6P3	6-1437514-9
										3	M83505/6-002/5	8-1437514-1
										2	8134-HC-6P2	6-1437514-8
										19	8134-HC-5P3LF	9-1437514-0
										4	8134-HC-5P3	6-1437514-7
										3	M83505/6-001/5	8-1437514-0
										2	8134-HC-5P2	6-1437514-6
G	F	E	D	C	B	A	PACKAGE QUANTITY	RECOMMENDED LEAD SIZE	MILITARY PART NUMBER	FINISH	AUGAT PART NUMBER (REF)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: μm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC	±	-
1. PLC	±	-
2. PLC	±	0.13 [.005]
3. PLC	±	-
4. PLC	±	-
ANGLES	±	-

MATERIAL: 1

FINISH: SEE TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIN: M. BINNER

CHK: J. MOSIER

APVD: -

NAME: -

PRODUCT SPEC: 108-1979

APPLICATION SPEC: 114-13033

SIZE: A1

WEIGHT: -

CUSTOMER DRAWING

16MAY10

Tyco Electronics Corporation
Harrisburg, Pa

HOLTITE CONTACTS

SIZE: A1

CAGE CODE: 00779

DRAWING NO: 147699

RESTRICTED TO: -

SCALE: NTS

SHEET: 1 of 1

REV: C1