



1. MATERIAL:
HOUSING — THERMOPLASTIC POLYESTER, GLASS FILLED, UL94—0.
POST — COPPER ALLOY
2. FINISH:
HOUSING — BLACK
POST — SEE NOTES 12, 13 AND 14 FOR PLATING.

3. POST TO WITHSTAND 3LBS (16N) MIN AXIAL FORCE IN THIS DIRECTION WITHOUT DISLODGING.
4. APPLIES AT —A—.
5. APPLIES WHEN HEADER IS STRAIGHT.
6. PLASTIC PROJECTIONS PERMITTED IN THIS ZONE.
7. COORDINATE DIMENSIONS APPLIES FROM CENTER OF ACTUAL FEATURE.
8. SOLDER SIDE OF BOARD IS SHOWN.
9. POST SOLDERTAIL MUST COMPLY WITH AMP SOLDERABILITY SPEC 109—11—2.
10. LATCH DETENT FEATURE APPEARS 1 PLACE ON EACH END OF PART (MAX OF 2 PER PART) ON ALL POSITIONS 4 THRU 12. THE LATCH APPEARS ONLY ONE PLACE ON 2 & 3 POSITION PARTS.

11. DIMENSIONS IN BRACKETS ARE IN INCHES.
12. PLATING: GOLD PLATE AREA, 0.00038 [.000015] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00030 [.000012] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
13. BRIGHT TIN LEAD (93/7) PLATE AREA 0.00381 — 0.0089 [.000150 — .000350] ALL FOUR SIDES, 3.18 [.125] MIN..
14. MATTE TIN PLATE AREA 0.00381 — 0.0089 [.000150 — .000350] ALL FOUR SIDES, 3.18 [.125] MIN..
15. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
16. OBSOLETE PART NUMBER

12, 14	49.94	1.966	12	3-647141-2
	45.97	1.810	11	3-647141-1
	42.01	1.654	10	3-647141-0
	38.05	1.498	9	2-647141-9
	34.09	1.342	8	2-647141-8
	30.12	1.186	7	2-647141-7
	26.16	1.030	6	2-647141-6
	22.20	.874	5	2-647141-5
	18.24	.718	4	2-647141-4
	14.27	.562	3	2-647141-3
	10.31	.406	2	2-647141-2
	49.94	1.966	12	1-647141-2
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. LEWIS 16JUN98	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK R. SWING 16JUN98	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. CLARK 16JUN98	PRODUCT SPEC	
0 PLC ± .005		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO
1 PLC ± .005		WEIGHT		RESTRICTED TO
2 PLC ± .005		CUSTOMER DRAWING		SCALE 5:1
3 PLC ± .005		SHEET 1 OF 1		REV E1
4 PLC ± .005		REV		
ANGLES ± .005				
FINISH				

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[647141-2](#)