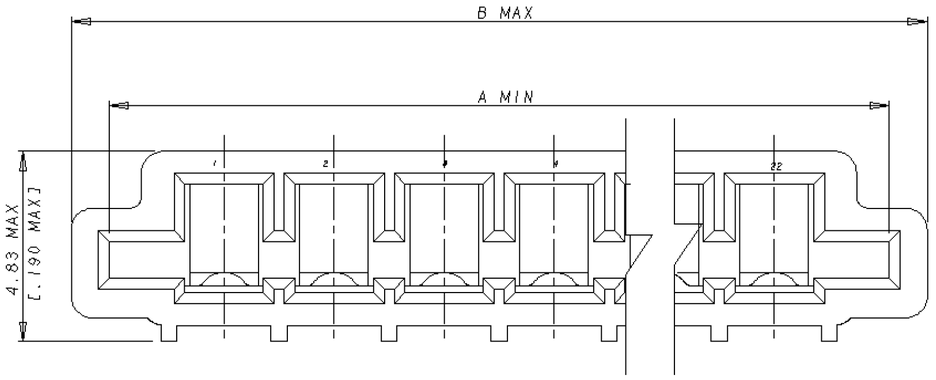
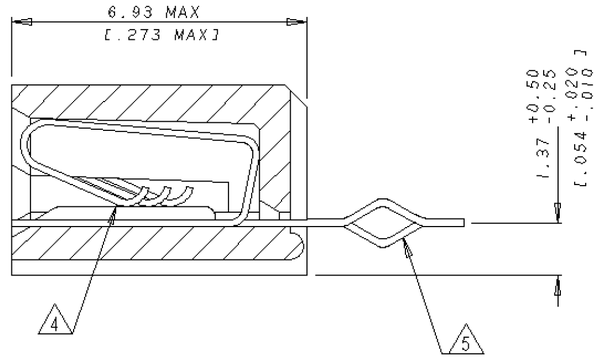
METRIC

NUMBER 487509

(3rd ANGLE PROJECTION)





NOTES

1 CONNECTOR WILL ACCEPT FLEXIBLE PRINTED CIRCUIT OR FLAT FLEXIBLE CABLE ON 2.54 [.100] CENTERS IN A THICKNESS RANGE OF 0.127 TO 0.381 [.005 TO .015] IN CONTACT AREA

2 STAND-OFFS PREVENT SOLVENT ENTRAPMENT

3 LEAD-IN ON PINS FOR EASE OF INSERTION INTO BOARD

4 SEQUENTIAL CONTACTS REDUCE CABLE INSERTION FORCE

5 ALTERNATING CONTACT FORM RETAINS CONNECTOR IN P.C. BOARD DURING SOLDER OPERATION

6 ACCEPTS CABLE OR CIRCUITRY WITH EXPOSED CONDUCTORS FACING TOWARD OR AWAY FROM THE BOARD SURFACE

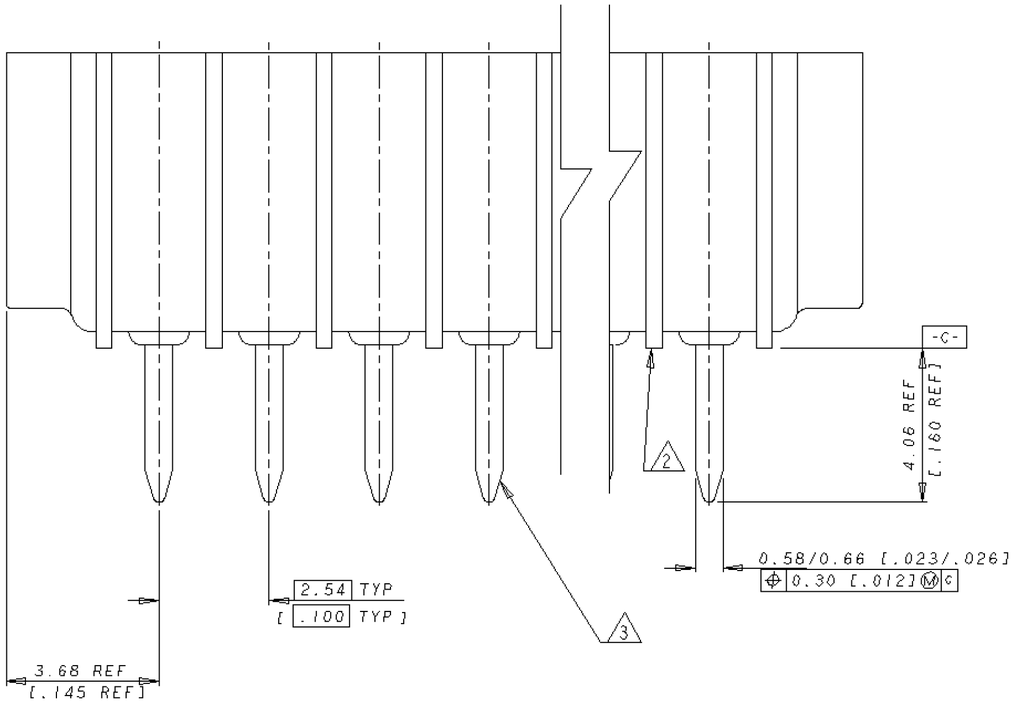
7 REFER TO APPLICATION SPEC 114-2062

8 MATERIAL
HOUSING : GLASS REINFORCED POLYESTER THERMOPLASTIC UL 94 V0 RATED, BLACK
CONTACT : PHOSPHOR BRONZE

9 CONNECTOR IS HIGH NORMAL FROCE

10 MATTE TIN 0.005 [.0002] MIN THK OVER COPPER 0.003 [.00015] MIN THK ON ENTIRE CONTACT

11 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



	LEAD FREE				SUPERSEDED
OBSOLETE	~~7- 487509-1~~	60.78 [2.393]	58.57 [2.306]	22	2-487509-1
11 OBSOLETE	~~7- 487509-0~~	58.24 [2.293]	56.03 [2.206]	21	2-487509-0
	6- 487509-9	55.70 [2.193]	53.49 [2.106]	20	1-487509-9
	6- 487509-8	53.16 [2.093]	50.95 [2.006]	19	1-487509-8
11 OBSOLETE	~~6- 487509-7~~	50.62 [1.993]	48.41 [1.906]	18	1-487509-7
	6- 487509-6	48.08 [1.893]	45.87 [1.806]	17	1-487509-6
OBSOLETE	~~6- 487509-5~~	45.54 [1.793]	43.33 [1.706]	16	1-487509-5
11 OBSOLETE	~~6- 487509-4~~	43.00 [1.693]	40.79 [1.606]	15	1-487509-4
	6- 487509-3	40.46 [1.593]	38.25 [1.506]	14	1-487509-3
11 OBSOLETE	~~6- 487509-2~~	37.92 [1.493]	35.71 [1.406]	13	1-487509-2
	6- 487509-1	35.38 [1.393]	33.17 [1.306]	12	1-487509-1
	6- 487509-0	32.84 [1.293]	30.63 [1.206]	11	1-487509-0
OBSOLETE	~~5- 487509-9~~	30.30 [1.193]	28.09 [1.106]	10	487509-9
	5- 487509-8	27.76 [1.093]	25.55 [1.006]	9	487509-8
	5- 487509-7	25.22 [.993]	23.01 [.906]	8	487509-7
	5- 487509-6	22.68 [.893]	20.47 [.806]	7	487509-6
	5- 487509-5	20.14 [.793]	17.93 [.706]	6	487509-5
	5- 487509-4	17.60 [.693]	15.39 [.606]	5	487509-4
	5- 487509-3	15.06 [.593]	12.85 [.506]	4	487509-3
	5- 487509-2	12.52 [.493]	10.31 [.406]	3	487509-2
	5- 487509-1	9.98 [.393]	7.77 [.306]	2	487509-1
	PART NO	B	A	POS	PART NO

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TE Connectivity

LTR	REVISION RECORD	DR	CHK	DATE
E3	ECR-10-022530	KK	HMR	07FEB11
E2	REVISED PER ECO-09-026346	KK	AEG	27NOV09
E1	REVISED AS PER ECR-06-04332	PM	KS	21FEB06
E	REVISED FR00-0011-04	SD	PCH	19FEB04
D	REVISED FP00-0003-01	LWY	TAP	03JAN01

(WIRE RANGE)	(INSULATION DIA.)
mm² (AWG -)	- mm
(MATERIAL) 8	(FINISH) 10
DR. WYLEE 30.7.93	DE. A.SOH
CHK. SALLY 30.7.93	APP. RICHARD TAN

(NAME) TRIO-MATE VERTICAL CABLE ENTRY FOR 1.57[.062] THK P.C. BOARD

(GENERAL TOLERANCE) ±0.38 [±.015]

SIZE A2 | LOC DY | (No.) 487509

(SCALE) 10:1 | REV. E3 | SHEET 1 OF 1

DIMENSIONS IN MM [INCHES]. DO NOT SCALE PRINT

PRINT DIST

(CUSTOMER DRAWING)