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LOC FTDIST 0

REVISONS

DESCRIPTION

DATE

DWN

APVD

V2

REVISED PER ECO-13-008672

02SEP2013

KH

DR

SEE DETAIL Z

MOUNTING BRACKET, 2 PLC

RAISED CIRCUIT CAVITY IDENTIFICATION LETTERS BOTH SIDES

BOARDLOCK 2 PLC

NUT 2 PLC

50.80±0.51 [2.000±.020]

35.56 [1.400]

9.52 [.375] REF

19.05 [.750]

39.75 [1.565]

23.24 [.915]

3.81 [.150] TYP

1.90 [.075] REF

LOCATION WAFER

3.81 [.150] TYP

1.90 [.075] TYP

3.18 [.125] TYP

JACKSCREW ASSY, STUD

6.98 [.275] 2 PLC

MATING FACE

AMP, PART NO & DATE CODE MARKED, OPPOSITE SIDE, EITHER ORIENTATION

JACKSCREW ASSY, SOCKET

9.27 [.365] 2 PLC

0.28±0.03 [.011±.001] 2 PLC

5.94 TYP [.234]

11.89 2 PLC [.468]

4.57 TYP [.180]

3.58 TYP [.141]

6.17±0.13 TYP [.243±.005]

1.90 [.075] TYP

HOUSING BLOCK, FEMALE

3.81 [.150] TYP

3.99 [.157]

CONTACT TYP

DIA HOLE 3.05 [.120]

CBORE 5.54 [.218] DIA X 6.35 [.250] DEEP, 4 PLC

1

LETTERS ARE SHOWN ON PC BOARD LAYOUT FOR HOLE LOCATION PURPOSES ONLY.

2

MINERAL REINFORCED, FLAME RETARDANT PHENOLIC, BLACK.

3

JACKSCREW BODY: STAINLESS STEEL PER ASTM-A-582; LOCKWASHER: STAINLESS STEEL PER QQ-S-766; NUT: CARBON STEEL PER QQ-S-637; MOUNTING BRACKET: ZINC PER QQ-Z-363; BOARDLOCK: COPPER ALLOY PER ASTM-B-592.

4

PHENOLIC RESIN LAMINATE, BLACK.

5

BODY: BRASS PER MIL-C-50; SPRING: STAINLESS STEEL PER QQ-S-766; POST: BRASS PER ASTM-B-134.

6

NUT: ZINC PER ASTM-B-633; MOUNTING BRACKET: 3.81um [.000150] MIN NICKEL PER QQ-N-290. OVER 2.54um [.000100] MIN COPPER PER MIL-C-14550 PER MIL-C-14550; BOARDLOCK: 5.08um [.000200] MIN TIN-LEAD PER MIL-T-10727 OVER 1.27um [.000050] MIN NICKEL PER QQ-N-290, LOCKWASHER: PASSIVATED.

7

BODY: 0.76um [.000030] MIN GOLD PER MIL-G-45204 FOR A LENGTH OF 5.08 [.200] MIN FROM MATING END OF CONTACT, 2.54um [.000100] MIN TIN-LEAD PER MIL-T-10727 IN WIRE BARREL AREA, BOTH OVER 1.27um [.000050] MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT; POST: 2.54um [.000100] MIN TIN-LEAD PER MIL-T-10727 OVER 1.27um [.000050] MIN NICKEL PER QQ-N-290.

8

SELECT LOADED CIRCUITS ARE B,C,D,E,F,H,L,N,P,R,S,T,U,V,W,X,Y,AA,HH,KK AND NN.

9

SELECT LOADED CIRCUITS ARE A,B,C,D,E,F,H,J,L,M,N,P,R,S,T,U,V,W,X,Y,AA AND NN.

10

SELECT LOAD CIRCUITS A,B,C,D,E,F,H,P,R,S,T,U,R,S,T,U,V,W,X,Y,AA,BB, AND NN.

11

SELECT LOAD CIRCUITS A,B,C,D,E,F,H,J,K,L,N,P,R,S,T,U,V,W,X,Y,AA,BB, AND NN.

12

SELECT LOAD CIRCUITS A,B,C,D,E,F,H,K,L,N,P,R,S,T,U,V,W,X,Y,AA,BB, AND NN.

13

SELECT LOAD CIRCUITS A,B,C,D,E,F,H,J,L,N,P,R,S,T,U,V,W,X,Y,AA,HH, AND NN.

14

BULK PACKED KIT.

15

BODY: 0.76um [.000030] MIN GOLD PER MIL-G-45204 FOR A LENGTH OF 5.08 [.200] MIN FROM MATING END OF CONTACT, 2.54um [.000100] MIN TIN PER MIL-T-10727 IN WIRE BARREL AREA, BOTH OVER 1.27um [.000050] MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT; POST: 2.54um [.000100] MIN TIN PER MIL-T-10727 OVER 1.27um [.000050] MIN NICKEL PER QQ-N-290.

16

NUT: ZINC PER ASTM-B-633; MOUNTING BRACKET: 3.81um [.000150] MIN NICKEL PER QQ-N-290. OVER 2.54um [.000100] MIN COPPER PER MIL-C-14550 PER MIL-C-14550; BOARDLOCK: 5.08um [.000200] MIN TIN PER MIL-T-10727 OVER 1.27um [.000050] MIN NICKEL PER QQ-N-290, LOCKWASHER: PASSIVATED.

17

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

21.41 [.843]

13.34 [.525]

9.52 [.375]

5.72 [.225]

1.90 [.075]

1.90 [.075]

5.72 [.225]

9.52 [.375]

13.34 [.525]

21.41 [.843]

DIM YY

3.18±0.08 DIA [.125±.003] 2 PLC

15.24 [.600]

11.43 [.450]

7.62 [.300]

3.81 [.150]

0

3.81 [.150]

7.62 [.300]

11.43 [.450]

15.24 [.600]

5.72 [.225]

1.90 [.075]

1.90 [.075]

5.72 [.225]

1.37±0.05 DIA [.054±.002] 1 TYP

1

RECOMMENDED PC BOARD LAYOUT

SCALE 4:1

1.57 [.062] PC BOARD THICKNESS

17	OBSOLETE	1516	8.81 [.347]	8.81 [.347]	NO	FULLY LOADED	14	1-213574-7
17	OBSOLETE	1516	8.81 [.347]	8.81 [.347]	NO	11	1-213574-6	
17	OBSOLETE	1516	8.81 [.347]	8.81 [.347]	YES	13	1-213574-5	
17	OBSOLETE	1516	8.81 [.347]	8.81 [.347]	YES	12	1-213574-4	
17	OBSOLETE	1516	8.81 [.347]	8.81 [.347]	YES	11	1-213574-3	
17	OBSOLETE	1516	8.81 [.347]	8.81 [.347]	YES	10	1-213574-2	
17	OBSOLETE	1516	8.81 [.347]	8.81 [.347]	YES	FULLY LOADED	1-213574-1	
17	OBSOLETE	1516	8.81 [.347]	8.81 [.347]	NO	FULLY LOADED	1-213574-0	
17	OBSOLETE	76	8.81 [.347]	8.81 [.347]	NO	11	213574-9	
17	OBSOLETE	76	8.38 [.330]	8.38 [.330]	YES	13	213574-8	
17	OBSOLETE	76	8.81 [.347]	8.81 [.347]	YES	12	213574-7	
17	OBSOLETE	76	8.81 [.347]	8.81 [.347]	YES	11	213574-6	
17	OBSOLETE	-	8.81 [.347]	8.81 [.347]	NO	FULLY LOADED	213574-5	
17	OBSOLETE	76	8.81 [.347]	8.81 [.347]	YES	10	213574-4	
17	OBSOLETE	76	8.81 [.347]	8.81 [.347]	YES	9	213574-3	
17	OBSOLETE	76	8.81 [.347]	8.81 [.347]	YES	FULLY LOADED	213574-2	
17	OBSOLETE	-	8.81 [.347]	8.81 [.347]	YES	8	213574-1	

CONTACT/BOARDLOCK PLATING	ZZ	YY	DIMPLE	CIRCUIT CAVITIES LOADED	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.					
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN C RICHARD 11/27/89	
0 PLC ± -		1 PLC ± -		CHK R-STONE 12-4-89	
2 PLC ± -		3 PLC ± 0.25 [.010]		APVD - NAME	
4 PLC ± -		ANGLES ± -		PRODUCT SPEC	
MATERIAL: HOUSING: 4		FINISH: HARDWARE: 4		APPLICATION SPEC	
CONTACT: 4		LOCATION WAFER: 4		WEIGHT -	
CUSTOMER DRAWING				SCALE 2:1 SHEET 1 OF 1 REV V2	

4805 (3/11)