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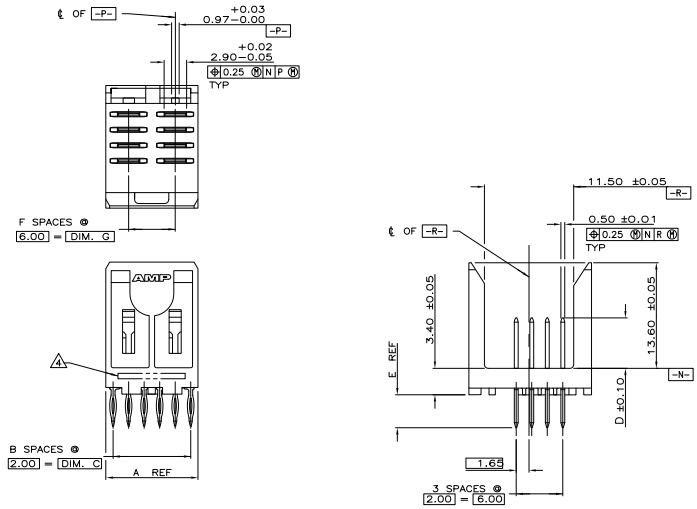
UOC	DIST
AD	47

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	M	REVISED PER ECO-05-010068	21DEC05	JDP	RW
	M1	REVISED PER ECO-09-021826	09JAN10	KK	AEG



RECOMMENDED CIRCUIT PATTERN
PER IPC-D300 TYPE II, CLASS C
(COMPONENT SIDE)

1. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER PER ASTM D5138 LCP000 G30A 32250.
2. CONTACT MATERIAL: PHOSPHOR BRONZE PER UNS ALLOY NO. C51100, TEMPER: H04.
3. CONTACT FINISH:
   UNDERPLATE (ENTIRE CONTACT):
   0.00127 MIN NICKEL PER SAE-AMS-QQ-N-290
   ON MATING SURFACES:
   FLASH GOLD PER ASTM B 488, OVER
   0.00076 MIN PALLADIUM-NICKEL OVER UNDERPLATE, OR
   0.00076 MIN GOLD PER ASTM B 488 OVER UNDERPLATE.
   ON LEADS:
   0.00127 MIN TIN-LEAD OVER UNDERPLATE.
   LUBRICATION (MIN MATING SURFACES):
   SURFACE CONDITIONER AFTER PLATING.
4. PART MARKING PER AMP SPEC 115-9009.
   LOCATED APPROXIMATELY AS SHOWN.
5. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

ROW	POSITION 1	POSITION 2
D	AA	AA
C	AA	AA
B	AA	AA
A	AA	AA

P/N 536603-1

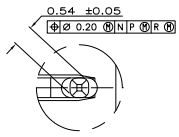
ROW	POSITION 1	POSITION 2
D	AA	AA
C	AB	AB
B	AC	AC
A	AC	AC

P/N 536603-2

ROW	POSITION 1	POSITION 2
D	AB	AB
C	AC	AC
B	AC	AC
A	AC	AC

P/N 536603-6

CODE LETTER	MATING POST LENGTH D	LEAD LENGTH (REF)
AA	6.5	4.25
AB	7.25	4.25
AC	8	4.25



DETAIL Z
SCALE 20:1

	G	F	E	C	B	A	FINISH	NO OF POSN	PART NUMBER
3 OBSOLETE	6.00	1	4.25	10.00	5	11.83	3	8	536603-6
3	6.00	1	4.25	10.00	5	11.83	3	8	536603-2
3	6.00	1	4.25	10.00	5	11.83	3	8	536603-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DRN	J.LOCONDRO	10/19/98
CK	D.BAECHTLE	02/19/99
APVD	-	
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

DIMENSIONS: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.13
3 PLC ± -
4 PLC ± -
ANGLES ± -
MATERIAL 1 2
FINISH 3

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME: PIN ASSEMBLY, POWER MODULE, 2mm CENTERLINE, 4 ROW, PRESS FIT CONTACTS,

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-536603	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV M1

AMP 4805 REV 21MAR2003

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