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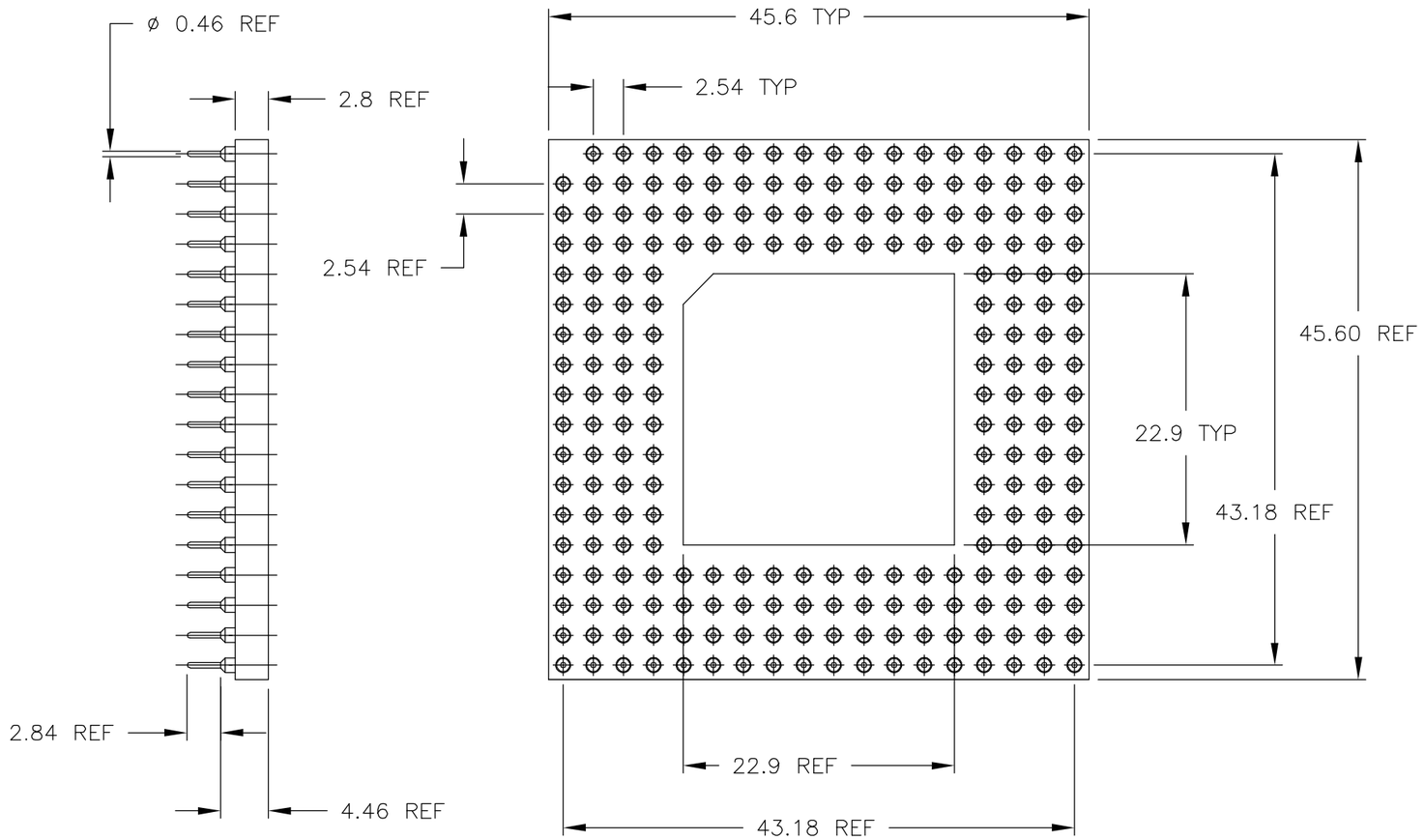
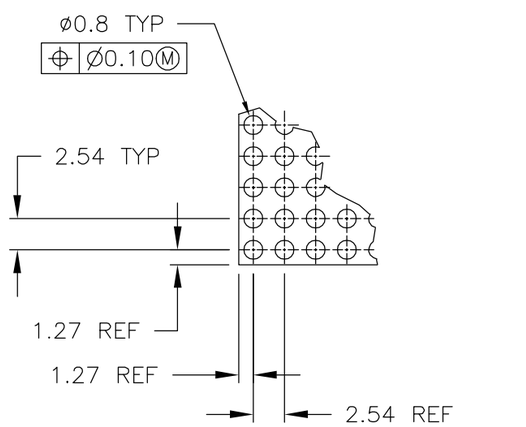
LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	0	RELEASED	13 JAN 06	MB	MB





RECOMMENDED PC BOARD PATTERN

1. MATERIAL
   HOUSING: GLASSFILLED THERMOPLASTIC POLYESTER, UL 94 V–0, COLOR BLACK
   CONTACT SOLDER TAIL SLEEVE: BRASS
   CLIP: BERYLLIUM COPPER
2. PLATING
   CONTACT SOLDER TAIL SLEEVE: 0.005 MIN TIN PLATING OVER 0.002 MIN NICKEL
   INNER CONTACT PLATING: 0.0025 MIN GOLD OVER 0.002 MIN NICKEL
3. INNER SPRING CONTACT ACCEPTS 0.40 TO 0.56 DIA OR RECTANGULAR PIN 0.25 X 0.45
4. INSERTION CHARACTERISTICS: VERY LOW FORCE
5. MECHANICAL DATA WITH 0.43 DIA TEST PIN
   INSERTION FORCE: 0.7 N MAX
   EXTRACTION FORCE: 0.1 N MIN
   MECHANICAL LIFE: 100 CYCLES MIN
6. ELECTRICAL CHARACTERISTICS
   RATED CURRENT: 1 AMP
   CONTACT RESISTANCE: 10 MILLIOHMS MAX
   INSULATION RESISTANCE: 10,000 MEGAOHMS MIM
   DIELECTRIC STRENGTH: 1000 Vrms MIN
7. ENVIRONMENTAL CHARACTERISTICS
   OPERATING TEMPERATURE: –55°C TO 125°C

5210815–1 SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.3
2 PLC ± 0.13
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL: SEE NOTES
FINISH: –

DWN	M. BOWERS	10JAN2006
CHK	M. BOWERS	13JAN06
APVD	V. RUMINSKI	13JAN06
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

CUSTOMER DRAWING

tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105–3608

NAME: OPEN FRAME, PGA
18 x 18, 223 SOCKET
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–5210815	—

SCALE	SHEET	REV
4:1	1 OF 1	0