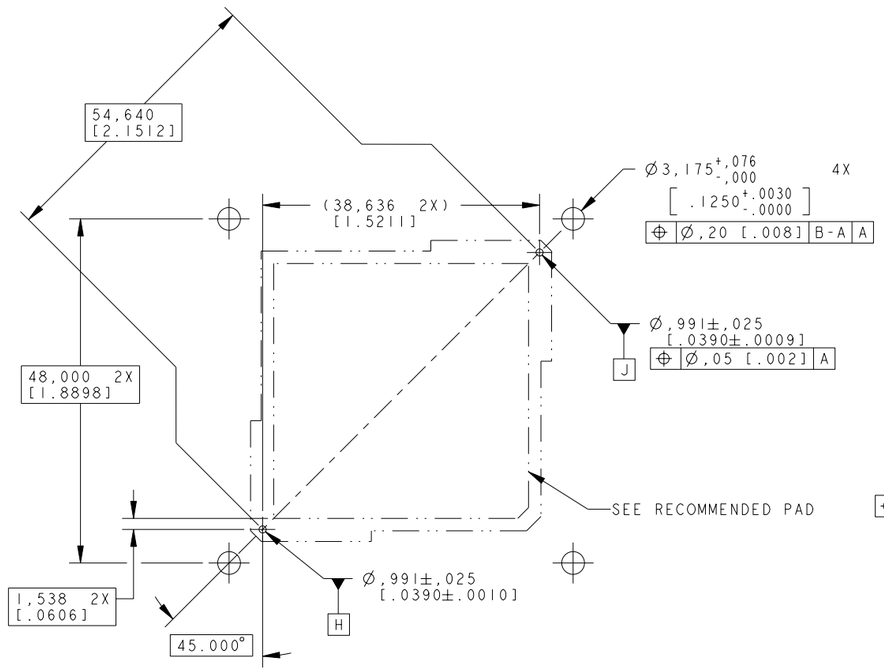
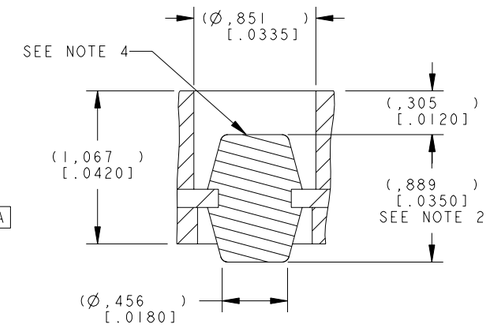
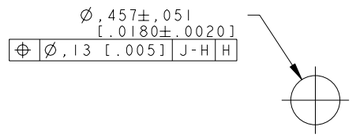


RECOMMENDED PCB LAYOUT



SECTION Z-Z
SCALE = 40X



RECOMMENDED PAD

SPECIFICATIONS:

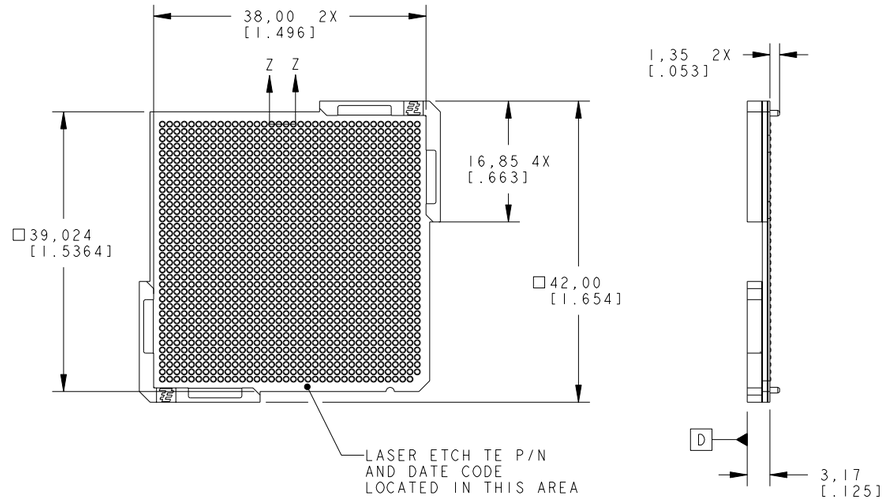
MATERIALS:
CONDUCTIVE COLUMN: HXC-125.
INSULATOR: HIGH TEMPERATURE THERMAL PLASTIC FILM.
FRAME: 94V-0 THERMOPLASTIC.

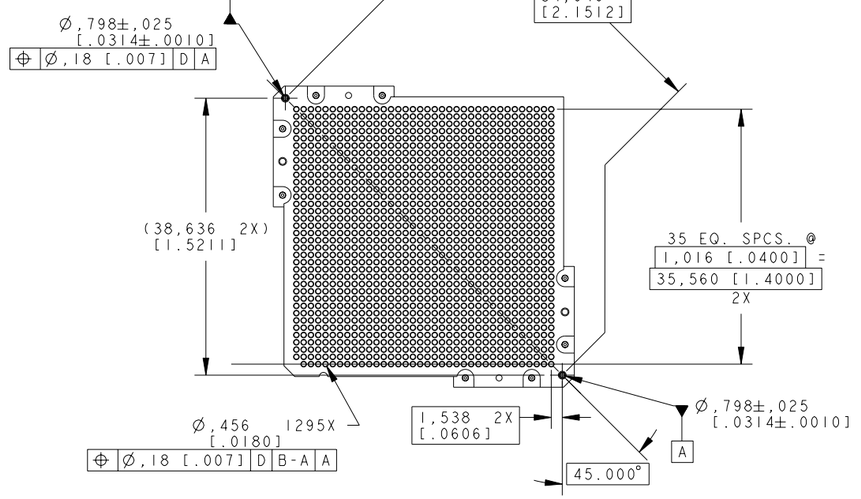
MECHANICAL:
MPI TOTAL LOAD: 128.5 ±32 LBS.

APPLICATION:
THIS SOCKET IS DESIGNED FOR COMPRESSION MOUNT. FOR MORE INFORMATION REFERENCE MPI APPLICATION GUIDE P/N 1640905 (BGA).

NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING PER ASME Y14.5M-1994.
2. DOES NOT INCLUDE VESTIGE OR SURFACE ENRICHMENT.
3. DESIGN TO WORK WITH:
SOLDER BALL Ø,609±.10 [.0239±.0039]
SOLDER BALL HEIGHT ,500±,10 [.0190±.0039]
4. P101 SURFACE ENRICHMENT COATING TO BE APPLIED TO THIS SIDE.





RESTRICTED DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
RESTRICTED TO: ITL

REV.	REVISION INFO
1	PRELIMINARY ERN #112723 BM 7-8-08 APP'D: WA 7-9-08
2	PRELIMINARY ERN# 112749 DA 8-1-08 APP'D: WA 8-1-08
3	PRELIMINARY ERN #112754 BM 8-8-08 APP'D: BP 8-8-08

DO NOT SCALE

Tyco Electronics — Norwood, Massachusetts 02062

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	DRAWN BY:	DATE:	MATERIAL:
X,X ± ,38 X,XX ± ,25 X,XXX ± ,127 ANGLES ± 5°	BM	7-8-08	N/A
	ENGINEER: W. ALDEN	DATE: 7-9-08	FINISH: N/A
	FILENAME: R-2021766	PROJECT:	SYSTEM: PRO-E

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TITLE: RESTRICTED DRAWING, SOCKET ASSEMBLY 1,016mm BGA, 1295-8

DIMENSIONS ARE IN:	SCALE:	TE PART NO.:	SHEET
MILLIMETERS	2:1	2021766-1	1 of 1
THIRD ANGLE PROJECTION	SIZE: C	DWG. NO.: R-2021766	REV.: 3