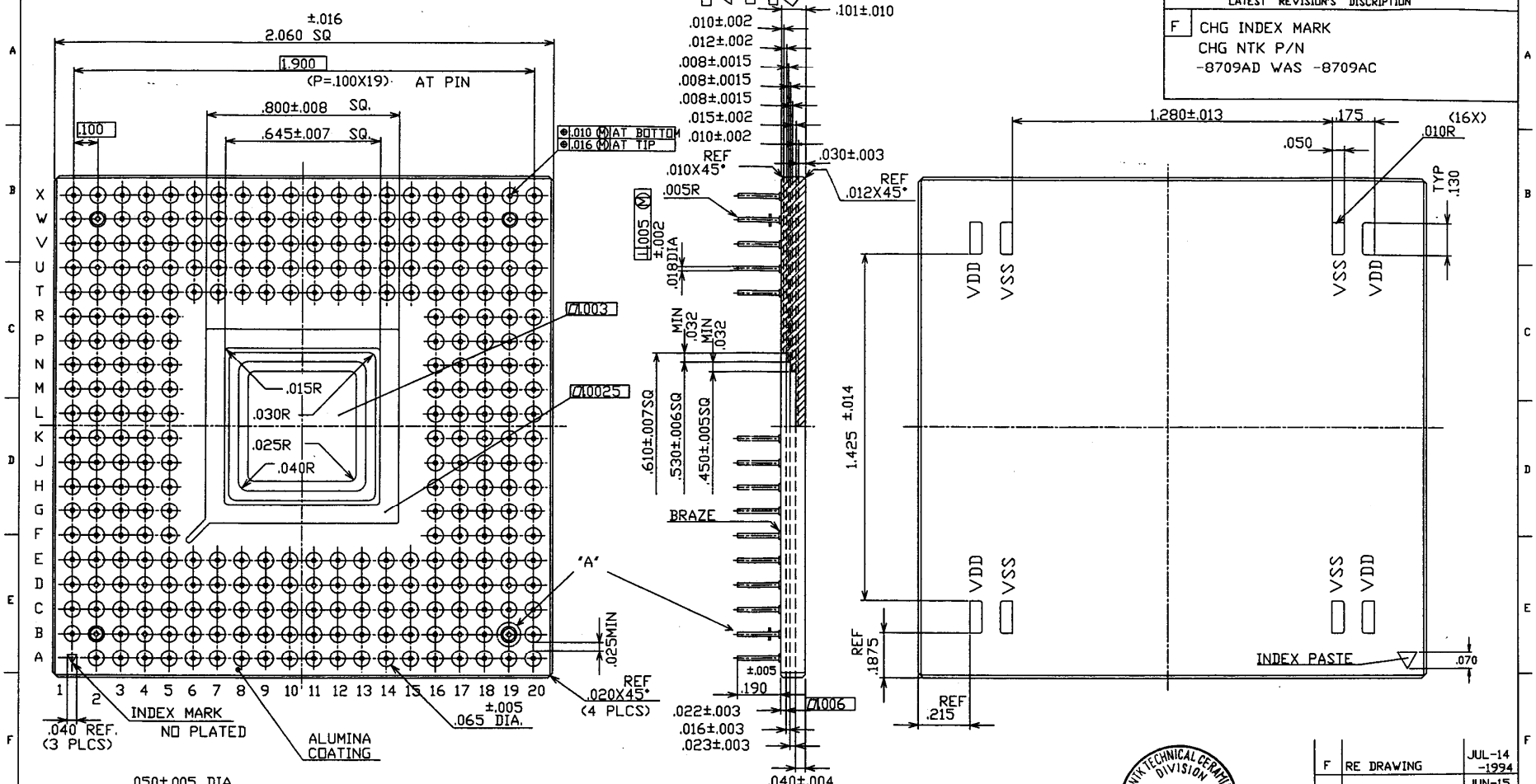
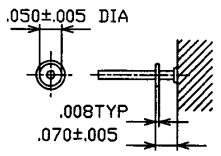
NTK TECHNICAL CERAMICS





DETAIL "A"

NOTES:
1. GOLD PLATE 60μ INCHES MIN OVER 100μ INCHES MIN NICKEL.
2. SEAL RING ELECTRICALLY ISOLATED FROM ANY LEAD.
3. LEAD RESISTANCE (NEAREST PIN TO PAD)
   VSS PADS --- 100mΩ MAX. (EXCEPT B/G NO.512)
   VDD PADS & B/G NO.512 --- 250mΩ MAX.
   (EXCEPT 4CORNER PADS)
   4CORNER PADS --- 100mΩ MAX.
   ALL OTHERS --- 1200mΩ MAX.
5. ALL VIAS TO BE SOLID SUCH THAT VOIDING IN VIA WILL NOT REDUCE THE VIA CROSS SECTION BY GREATER THAN 20 % OF THE DIAMETER. (0/76 VIAS 3 %LTPD)
6. DIE ATTACH PAD ELECTRICALLY ISOLATED FROM ANY LEAD.

LATEST REVISION'S DISCRIPTION

F	CHG INDEX MARK CHG NTK P/N -8709AD WAS -8709AC

NTK TECHNICAL CERAMIC DIVISION
JUL. 05. 1996
NGK SPARK PLUG CO.,LTD.

Item	Name	Material	Description
3	STAND OFF PIN	KOVAR	
2	PIN	KOVAR	
1	CERAMIC	BLACK ALUMINA	

Rev.	Description	Date
F	RE DRAWING	JUL-14 -1994
E	RE DRAWING	JUN-15 -1994
D	RE DRAWING	MAR-7 -1994
C	RE DRAWING	SEP-28 -1992
B	RE DRAWING	SEP-10 -1992
A	RE DRAWING T.HIEI	NOV.28 -1990
Ø	NEW DRAWING T.HIEI	NOV.19 -1990

UNLESS OTHERWISE SPECIFIED TOLERANCES: ± 1%
N.L.T. 2 DECIMALS .XX ±.01
3 DECIMALS .XXX±.005

CUSTOMER

DWG NO

DRAWN KIM NGUYEN
CHECKED
APPROVED
UNIT INCH
SCALE

NTK TECHNICAL CERAMICS
NGK SPARK PLUG CO.,LTD

TITLE (.450 SQ)
299 PIN GRID ARRAY

DRAW NO. IPKY9F1-8709AD
SIZE A-2 (C)

MODIFIED DWG NO. IPKY9F1-8281A

PART NO.

SHEET 1 OF 12