

# QUESTTECH

## Technical Marking & Serialization

### Applications

#### General

Applications requiring marking permanency  
Applications compatible with Semiconductor processing  
Small Lot or Volume Production Marking

#### Types

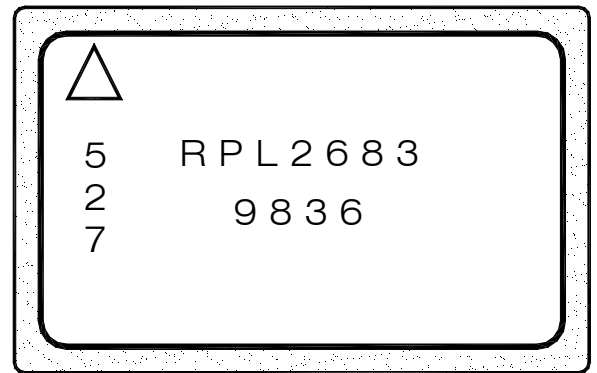
Silicon Wafers to 8 inch diameter  
Hybrid Microcircuit lids, round and rectangular

#### Uses

Part/Serial Number marking of Microelectronic Packages  
Semiconductor Front End OCR readable markings

#### Materials

Silicon  
Alumina and Beryllia (BeO) Ceramics  
Nickel & Gold  
Most Common Metals



Typical Package Lid Marking Application

### Design Guidelines

Property	Nominal	Units
Character Size Range	.008 to 1.400	Inches
Fonts	Semifont, Alphanumeric Standards, Dot Matrix	n/a
Serialization	Fixed + Incremental Fields Checksum	n/a
Customization	Custom Logos and Trademarks	n/a
Machine Readable	OCR	n/a
Minimum Surface Penetration	0.002	Inches
Surface Irregularity	Flat or curved in one axis	n/a
Materials	Silicon, Ceramics, Most Metals	n/a

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