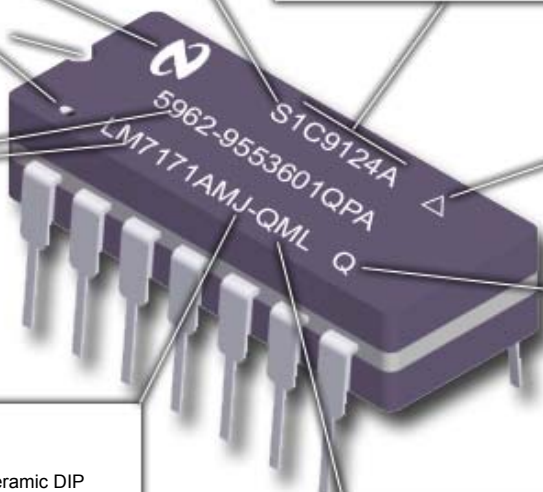


## Top Mark Information for Hi-Rel Products



**Plant of Manufacture Code for Military Products**

Country	Code
Philippines – TEAM	A
Philippines – Amkor	H
Malacca	M
Singapore	S
South Portland	Z
USA Subs	X

**883 & 38535 Date Code**

**2<sup>nd</sup> Digit:** Last digit of year wafer sort was performed

**3<sup>rd</sup> Digit:** Alpha character indicating calendar quarter in which wafer sort was performed

Character	Months	Weeks
A	Jan – Mar	1 - 13
B	Apr – Jun	14 - 26
C	Jul – Sep	27 - 39
D	Oct – Dec	40 - 53
GF	Prior to 1988	

**4<sup>th</sup> & 5<sup>th</sup> Digits:** Calendar Year

**6<sup>th</sup> & 7<sup>th</sup> Digits:** Seal Week

**8<sup>th</sup> Digit:** Alpha character indicating the lot is a sub-lot (when applicable)

**Products available to DSCC drawings may be dual marked**

**Military Electrostatic Discharge (ESD) Sensitivity Indicator**

Mark	Class	Voltage
△	1	0-1999V
△△	2	2000 – 3999V
--	3	≥ 4000V

**QML Certification Mark**

**IC Package Types**

D	Multi-layer Ceramic DIP
E	Ceramic LCC
F	Glass / Metal Flatpak
H	Multi-Lead CAN
J	Ceramic DIP
J-8	8-lead Ceramic DIP (Frit-Seal Mini-Dip package)
K	TO-3 CAN in Steel
KSteel	TO-3 CAN in Steel
U	Pin Grid Array
W	Ceramic Flatpak
WG	Ceramic Gullwing Flatpak

**Part Number Device Suffix**

/883	Compliant to MIL-STD-883
QB	MIL-STD-883*
-QML	QML
-QMLV	Space Level QML
-QV	Space Level QML
-MLS	Non QML Space Level
-MIL	Non Compliant B Level

\* Some products using the QB designator may not be compliant to MIL-STD-883. Contact NSC Sales Office for details.

**Note 1:** Not all marks shown may appear on all products

**Note 2:** Format of mark layout may vary from package to package