

# CROVEN CRYSTALS



## MILITARY AND SPACE PRODUCTS

CROVEN CRYSTALS has been a leading supplier of precision quartz resonators for space, military and other hi-rel applications since the 1960's. Our crystals can be found in the deepest regions of space and the most hostile environments closer to home. Complete in house testing capabilities enable us to provide full qualification and reliability assurance processing for the most demanding applications.

In addition we have been QPL approved since 1967 and offer a full range of standard crystals per MIL-PRF-3098. A list of the existing standard parts is included below.

## ITAR COMPLIANCE and CLASSIFIED PROGRAMS

For products and information governed by ITAR regulations CROVEN CRYSTALS maintains registration with the Canadian Controlled Goods program which enables our customers to take advantage of the ITAR exemptions as proscribed under 22 CFR 126.5. This makes it very easy to transfer ITAR related materials and documents from and to our facility.

In addition CROVEN CRYSTALS has valid site security clearances recognized by the United States Department of Defense which enable us to provide services for programs where clearances are required.

MILITARY CR-TYPE	MIL-PRF SPEC. NO.	FREQUENCY RANGE IN MHz
CR18/U	3098/3	1.200 - 20.000
CR19/U	3098/4	1.200 - 20.000
CR52/U	3098/30	15.000 - 61.000
CR55/U	3098/33	24.000 - 62.000
CR56/U	3098/34	50.000 - 125.000
CR59/U	3098/37	50.000 - 125.000
CR60/U	3098/38	5.000 - 20.000
CR61/U	3098/39	24.000 - 61.000
CR64/U	3098/42	2.900 - 20.000
CR65/U	3098/43	15.000 - 61.000
CR67/U	3098/45	24.000 - 62.000
CR69/U	3098/47	2.900 - 25.000
CR72/U	3098/50	24.000 - 25.000
CR76/U	3098/53	24.000 - 61.000
CR77/U	3098/55	24.000 - 62.000
CR78/U	3098/62	2.900 - 20.000

MILITARY CR-TYPE	MIL-PRF SPEC. NO.	FREQUENCY RANGE IN MHz
CR79/U	3098/63	2.900 - 20.000
CR80/U	3098/57	50.000 - 125.000
CR81/U	3098/58	24.000 - 62.000
CR82/U	3098/59	50.000 - 125.000
CR83/U	3098/60	50.000 - 125.000
CR84/U	3098/61	24.000 - 61.000
CR89/U	3098/67	2.120 - 6.200
CR97/U	3098/72	8.000 - 10.000
CR101/U	3098/103	7.000 - 20.000
CR102/U	3098/104	50.000 - 125.000
CR103/U	3098/105	17.000 - 61.000
CR106/U	3098/82	10.500 - 11.500
CR117/U	3098/93	30.000 - 62.000
CR139/U	3098/118	20.000 - 22.000
CR141/U	3098/122	50.000 - 90.000
CR157/U	3098/137	1.200 - 20.000

## ROHS COMPLIANCE

All crystals may be ordered as RoHS compliant. Please specify your requirement at time of order entry. If RoHS compliance is not

specified then the crystal leads may be coated with a Pb bearing solder.

