

PRODUCT CHANGE NOTIFICATION COVERSHEET

CTS Part Number: Models 425, 403, 405

Product Description: Ceramic Quartz Crystal

Customer: Various

Customer Part Number: NA



Change Notification Only - No Customer Response Required



Customer Authorization Required - Please Confirm Acceptance by E-Mail

Reason for PCN: Change notification for revised product marking format.

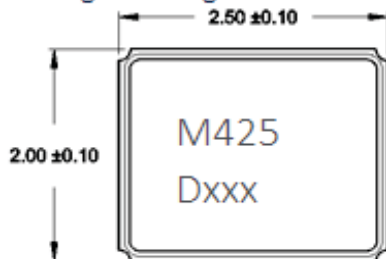
Description for Change: Product marking will change as follows.

Model 425 [drawing 008-0332-0]

Change To - New Format, Revision D

Mechanical Specifications

Package Drawing



Marking Information

1. M425 – CTS Model series.
2. D – Date code. See Table I for codes.
3. xxx – Frequency code, 3-digits frequencies below 100MHz.
[See document 016-1454-0, Frequency Code Tables].

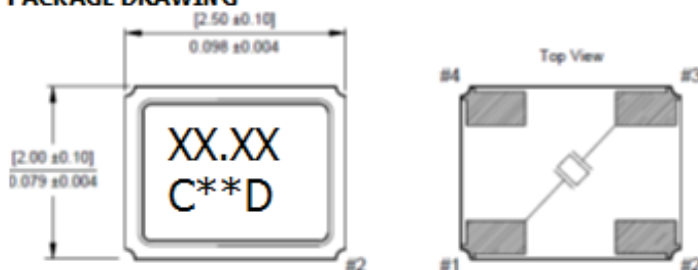
Table I - Date Code

MONTH					YEAR											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2021	2025	2029	2033	2037	A	B	C	D	E	F	G	H	J	K	L	M
2022	2026	2030	2034	2038	N	P	Q	R	S	T	U	V	W	X	Y	Z
2023	2027	2031	2035	2039	a	b	c	d	e	f	g	h	j	k	l	m
2024	2028	2032	2036	2040	n	p	q	r	s	t	u	v	w	x	y	z

Change From - Old Format, Revision C

MECHANICAL SPECIFICATIONS

PACKAGE DRAWING



MARKING INFORMATION

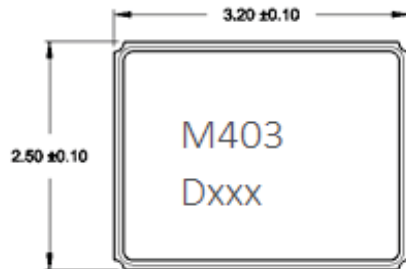
1. XX.XX – Frequency in MHz.
2. C – CTS and Pin 1 identifier.
3. ** – Manufacturing Site Code.
4. D – Date code. See Table I for codes.

Model 403 [drawing 008-0288-0]

Change To - New Format, Revision H

Mechanical Specifications

Package Drawing



Marking Information

1. M403 – CTS Model series.
2. D – Date code. See Table I for codes.
3. xxx – Frequency code, 3-digits frequencies below 100MHz.
[See document 016-1454-0, Frequency Code Tables].

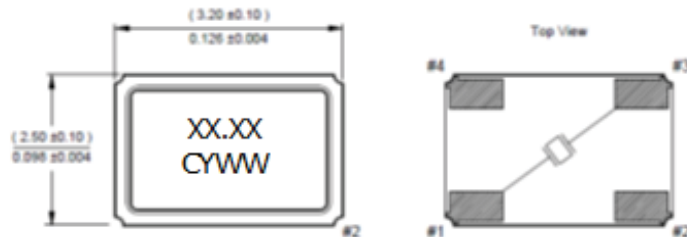
Table I - Date Code

MONTH					YEAR											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2021	2025	2029	2033	2037	A	B	C	D	E	F	G	H	J	K	L	M
2022	2026	2030	2034	2038	N	P	Q	R	S	T	U	V	W	X	Y	Z
2023	2027	2031	2035	2039	a	b	c	d	e	f	g	h	j	k	l	m
2024	2028	2032	2036	2040	n	p	q	r	s	t	u	v	w	x	y	z

Change From - Old Format, Revision G

MECHANICAL SPECIFICATIONS

PACKAGE DRAWING



MARKING INFORMATION

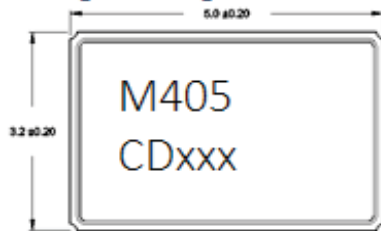
1. XX.XX – Frequency marked with 2 significant digits after the decimal.
2. C – CTS and Pin 1 identifier.
3. YWW – Date Code, Y – Last Digit of Year, WW – Week.

Model 405 [drawing 008-0253-0]

Change To - New Format, Revision I

Mechanical Specifications

Package Drawing



Marking Information

1. M405 – CTS model.
2. C – CTS.
2. D – Date Code. See Table I for codes.
3. xxx – Frequency Code.
3-digits, frequencies below 100MHz.
[See document 016-1454-0, Frequency Code Tables.]

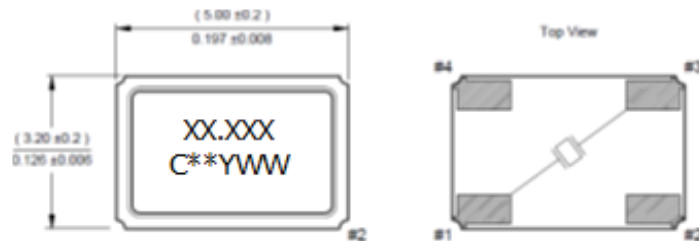
Table I - Date Code

MONTH					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR																
2021	2025	2029	2033	2037	A	B	C	D	E	F	G	H	J	K	L	M
2022	2026	2030	2034	2038	N	P	Q	R	S	T	U	V	W	X	Y	Z
2023	2027	2031	2035	2039	a	b	c	d	e	f	g	h	j	k	l	m
2024	2028	2032	2036	2040	n	p	q	r	s	t	u	v	w	x	y	z

Change From - Old Format, Revision H

MECHANICAL SPECIFICATIONS

PACKAGE DRAWING



MARKING INFORMATION

1. XX.XXX – Frequency marked with 3 significant digits after the decimal.
2. C – CTS and Pin 1 identifier.
3. ** - Manufacturing Site Code.
4. YWW – Date Code; Y – Last Digit of Year, WW – Week.

Change Instructions: Distribution of this PCN will be managed by CTS Customer Service; through all customer portals currently on file with CTS, all CTS Distributors and contract manufacturers [CMs].

Implementation Date: Date Code 2101.

Product Disposition: This marking change will not affect form-fit-function of device. Current inventories at customers, CMs or CTS Distributors; finished goods stock at factory or product in transit are not affected by this change. Previous marking format will govern these cases until change implementation. See active part number list attached.

CTS Contact: John Metzler
E-Mail: john.metzler@ctscorp.com
Phone: 630-577-8828

CTS Approvals: CTS internal PCN electronic signatures.

ACTIVE PART NUMBERS

Contact CTS about part numbers not listed.

CTS Part Number

405C11A10M00000
405C11A11M05920
405C11A12M00000
405C11A12M28800
405C11A12M80000
405C11A13M50000
405C11A13M56000
405C11A14M74560
405C11A15M36000
405C11A16M00000
405C11A18M43200
405C11A19M20000
405C11A20M00000
405C11A24M00000
405C11A25M00000
405C11A26M00000
405C11A30M00000
405C11A40M00000
405C11B26M00000
405C11K25M00000
405C21D25M00000
405C22D25M00000
405C23D12M00000
405C24A13M00000
405C25D08M00000
405C33A12M00000
405C35A12M00000
405C35A16M93440
405C35B11M05920
405C35B12M00000
405C35B12M80000
405C35B13M00000
405C35B13M56000
405C35B14M74560
405C35B16M00000
405C35B16M36800
405C35B18M43200
405C35B19M20000
405C35B19M68000
405C35B20M00000
405C35B24M00000
405C35B24M57600
405C35B25M00000
405C35B26M00000
405C35B27M00000
405C35B32M00000
405C35B40M00000
405C35C12M00000
405C35C16M00000
405C35C24M00000
405C35C24M57600
405C35D08M00000
405C35D10M00000
405C35D12M00000
405C35D12M28800
405C35D14M31818
405C35D16M00000
405C35D18M43200
405C35D24M00000

CTS Part Number

405C35D25M00000
405C35D26M00000
405C35D27M00000
405C35D27M12000
405C35D30M00000
405C35D40M00000
405C35D50M00000
405C35E10M00000
405C35E12M00000
405C35E16M00000
405C35E24M00000
405C35E25M00000
405C35L16M38400
405C35L24M00000
405D11A12M00000
405D11A24M57600
405I12D24M00000
405I12D25M00000
405I22A16M38400
405I22C12M00000
405I22D20M00000
405I22D22M57920
405I22D25M00000
405I32D20M00000
405I33A20M00000
405I33D08M19200
405I33D14M31818
405I33D16M00000
405I33D27M00000
405I33E08M00000
405I33E14M74560
405I34B24M00000
405I35A24M00000
405I35B11M05920
405I35B12M00000
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405I35D27M00000
405I35D30M00000
405I35D48M00000
405I35E08M00000
405I35E10M00000
405I35E12M00000
405I35E16M00000
405I35E25M00000
405I35E27M00000

CTS Part Number

405I35E28M63630
405I35E50M00000
405I35L24M00000
405I35S13M00000
405I35S16M00000
405IXXD50M00000

CTS Part Number