



RFI Ceramic Disc Capacitors

ORDERING CODE:

The ordering code is made up of a 13-digit code:

1	2	3	4	5	6	7	8	9	10	11	12	13 (Pos.)
<u>WYO</u>			<u>102</u>			<u>M</u>	<u>CM</u>			<u>BF0</u>		<u>K</u>
CAPACITOR SERIES Pos. 1 to 3 To be taken from the respective data sheet e.g W1X WYO VYO WKO VKO WKP			CAPACITANCE VALUE IN pF Pos. 4/5 represent significant figures Pos. 6 is the multiplier (x 10) e.g 1.6 pF = 916 10 pF = 100 120 pF = 121 4700 pF = 472 22 nF = 223			TOLERANCE Pos. 7 C = ± 0.25pF D = ± 0.5pF J = ± 5% K = ± 10% M = ± 20% S = + 50 - 20% Z = + 80 - 20%	RATED VOLTAGE Pos. 8/9 CM = AC250/440V CV = AC275V CP = AC440V CQ = AC440V		DESIGN - Pos 10 - 12 Pos. 10* STRAIGHT LEADS OR INSIDE CRIMP: LEAD SPACING: B = 5.0mm C = 7.5mm D = 10.0mm E = 12.5mm OTHER LEAD CONFIGURATION: Q = SNAP-IN T = OUTSIDE CRIMP U = 7.5 to 5mm R or S SPECIALITY: Pos. 11 LEAD LENGTH/ - DIAMETER B = 6 + 0 - 1/0.6mm D = 10 ± 1/0.6mm H = 10 ± 1/0.8mm Y = ≥ 20/0.6mm F = 30 - 3/0.6mm J = 30-3/0.8mm S = ≥ 30/0.6mm P = 45 ± 2/0.6mm R = Taped and Reeled L = Taped and Ammo Pos. 12* 0 = Bulk Other = Special type	INTERNAL CODE Pos. 13		

*The schematic of Pos. 10, 11 and 12 is only applicable if Pos. 10 is B, C, D or E.

TABLE 1

The shown mark together with the CB-Certificate replace all national approval marks of the following countries (they have already signed the CB-Agreement):

Austria	Belgium	Denmark	Finland	Sweden
France	Germany	Ireland	Italy	Switzerland
Netherlands	Israel	Portugal	Spain	Great Britain
Japan	Norway	China	Poland	Czech. Republic
Singapore	Rep. of Korea	Hungary	Iceland	Slovenia

SOLDERING RECOMMENDATIONS:

When soldering this component to a PC board, the solder heat resistance specification of the capacitor must not be exceeded.

Subjecting this component to excessive heating could melt the internal solder junction and may cause thermal stress that can crack the ceramic element. In order to keep a sufficient distance between solder wave and the capacitor element we recommend the use of capacitor styles with crimped leads.



BULK PACKAGING						
	LEAD LENGTH L	LEAD DIA d	LEAD SPACING F			
			5mm	7.5mm	10mm	12.5mm
STRAIGHT LEADS	30 - 3mm	0.6mm	BF0	CF0	DF0	EF0
		0.8mm	BJ0	CJ0	DJ0	EJ0
	25 + 5mm	0.6mm	BY0	CY0	---	---
	10 ± 1mm	0.6mm	BD0	CD0	DD0	ED0
		0.8mm	BH0	CH0	DH0	EH0
6.0mm + 0-1mm	0.6/0.8mm	BB0	CB0	DB0	EB0	
PREFORMED LEADS INSIDE CRIMP	30 - 3mm	0.6mm	BFG	CFG	DFG	EFG
		0.8mm	---	CJG	DJG	EJG
PREFORMED LEADS OUTSIDE CRIMP	5.0 ± 1mm	0.6mm	TA0	TC0	TE0	TG0
		0.8mm	---	TD0	TF0	TH0
PREFORMED LEADS SNAP-IN	min. 2.8mm	0.6mm	QA0	QC0	QE0	QG0
	min. 3.5mm	0.8mm	---	QD0	QF0	QH0

REEL PACKAGING						
COMPONENT PITCH 12.7mm LEAD DIAMETER 0.6mm	TAPING P H = 16.5mm		TAPING T H = 18.0mm/Ho = 16.0mm		TAPING U H = 20.0mm	
LEAD SPACING F	5mm	7.5mm	5mm	7.5mm	5mm	7.5mm
BODY DIAMETER D	VALID FOR ≤ 12mm STANDARD (> 12mm to ≤ 13mm on request)					
STRAIGHT LEADS	BRE	CRE	BRA	CRA	BRC	CRC
PREFORMED LEADS INSIDE CRIMP	---	---	BRB	CRB	---	---
PREFORMED LEADS OUTSIDE CRIMP	---	---	TAR	TCR	---	---
PREFORMED LEADS 7.5mm to 5mm	---	---	UAR	---	---	---
PREFORMED LEADS SNAP-IN	---	---	QAR	QCR	---	---

REEL PACKAGING						
COMPONENT PITCH 25.4mm	TAPING F					
LEAD SPACING F			5mm	7.5mm	10mm	12.5mm
BODY DIAMETER D	> 12mm			ALL DIAMETER		
STRAIGHT LEADS	H = 16.5mm		BRT	CRT	DRT	ERT
	H = 18.0mm		BRU	CRU	DRU	ERU
	H = 20.0mm		BRY	CRY	DRY	ERY
PREFORMED LEADS INSIDE CRIMP	Ho = 16.0mm		BRZ	CRZ	DRZ	ERZ

The lead diameter of the taped components is depending on the capacitance value and corresponds with the data given in the individual data sheets.

AMMO PACKAGING						
COMPONENT PITCH 12.7mm LEAD DIAMETER 0.6mm	TAPING P H = 16.5mm		TAPING T H = 18.0mm/Ho = 16.0mm		TAPING U H = 20.0mm	
LEAD SPACING F	5mm	7.5mm	5mm	7.5mm	5mm	7.5mm
DISC DIAMETER D	VALID FOR ≤ 12mm STANDARD (> 12mm to ≤ 13mm on request)					
STRAIGHT LEADS	BLE	---	BLA	CLA	BLC	---
PREFORMED LEADS INSIDE CRIMP	---	---	BLB	---	---	---
PREFORMED LEADS 7.5mm to 5mm	---	---	UAL	---	---	---