

## Ceramic Disc RFI Capacitors

3-digit lead style suffix codes -- Pick the **code** according to the **leadspacing** and desired **forming/taping**.

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	---	---
		0.8mm	BH0	CH0	DH0	EH0
	10 ± 1mm	0.6 / 0.8mm	BD0	CD0	DD0	ED0
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 = 16.5		TAPING T H = 18.0mm / H <sub>0</sub> = 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	---	---
PERFORMED LEADS OUTSIDE CRIMP	---	---	TAR	TCR	---	---
PERFORMED LEADS 7.5mm to 5mm	---	---	UAR	---	---	---
PERFORMED 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 DIAMETERS		
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	H <sub>0</sub> = 16.0mm		BRZ	CRZ	DRZ	ERZ

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

AMMO PACKAGING						
COMPONENT PITCH 12.7mm	TAPING P H = 16.5		TAPING T H = 18.0 / H <sub>0</sub> = 16.0		TAPING U H = 20.0	
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	BLE	---	BLA	CLA	BLC	---
PREFORMED LEADS INSIDE CRIMP	---	---	BLB	---	---	---
PREFORMED LEADS 7.5mm to 5mm	---	---	UAL	---	---	---

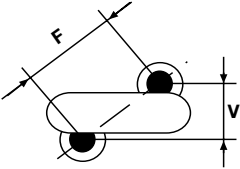
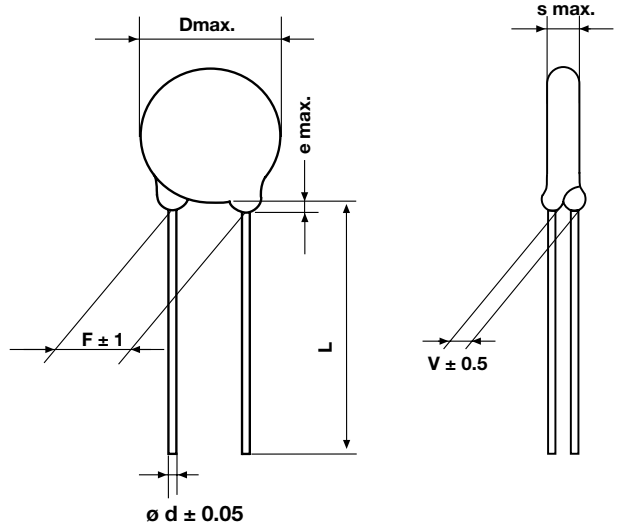
# Ceramic Disc RFI Capacitors

## AVAILABLE STANDARD LEAD CONFIGURATIONS

### STRAIGHT LEADS, LONG OR SHORT

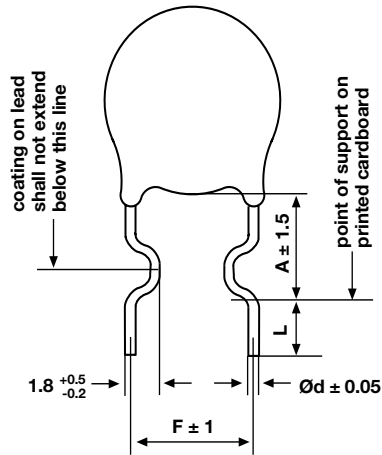
$\varnothing d$	0.6 or 0.8			
L	30 - 3 or $10 \pm 1$			
F	5	7.5	10	12.5
e	max. 3.0mm			

The measurement position of Lead Spacing F and of Width V is critical in straight lead capacitors. The width V is not so critical in preformed lead capacitors.

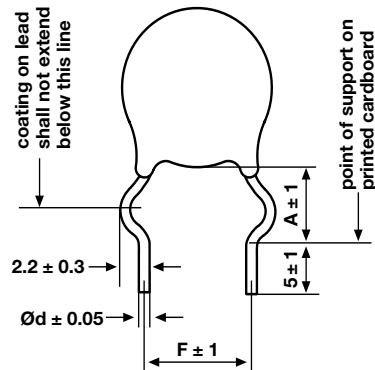
### PREFORMED LEADS (INSIDE CRIMP)

$\varnothing d$	0.6 or 0.8			
F	5	7.5	10	12.5
A	$4.0 -1 + 0.5$	$4.0 \pm 1.5$	$5.0 \pm 1.5$	$6.0 \pm 1.5$
L	min. 3.0mm			
Tolerance: 1.0mm absolute				



### PREFORMED LEADS (OUTSIDE CRIMP)

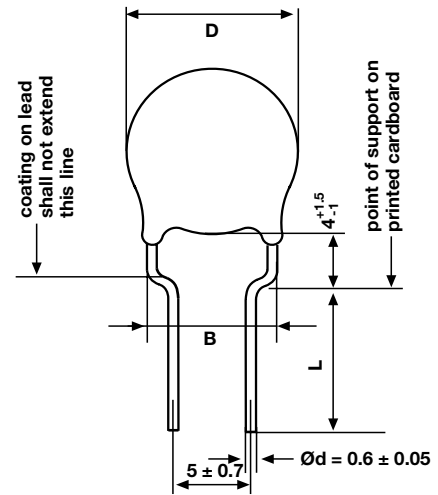
$\varnothing d$	0.6	0.8	0.6 or 0.8		
F	5.0	7.5	7.5	10	12.5
A	5.0	5.0	6.0	6.0	6.0



# Ceramic Disc RFI Capacitors

## PREFORMED LEADS (7.5 TO 5MM)

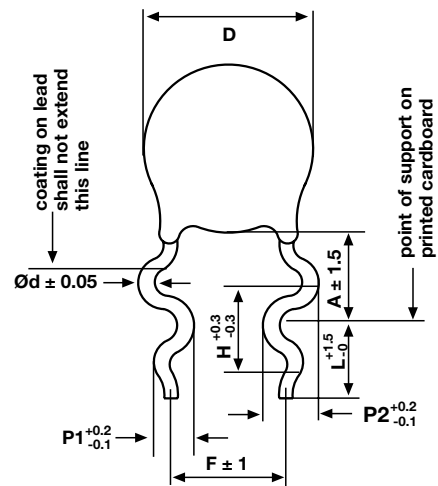
<b>Ød</b>	0.6
<b>B</b>	D - 9: $6.8 \pm 0.7$ D > 9: $7.5 \pm 0.7$
<b>L</b>	min. 2mm
	Tolerance 2mm absolute



## PREFORMED LEADS (DOUBLE CRIMP 'SNAP IN')

<b>Ød</b>	0.6	0.8
<b>F</b>	5.0 / 7.5 / 10 / 12.5	7.5 / 10 / 12.5
<b>L</b>	min. 2.8mm	min. 3.5mm
<b>H</b>	2.6	3.3
<b>P1</b>	1.25	1.65
<b>P2</b>	1.65	1.95
<b>A</b>	D - 8: $6.0 \pm 1.5$	D > 8: $7.0 \pm 1.5$

General Information: PCB max. thickness 1.6mm

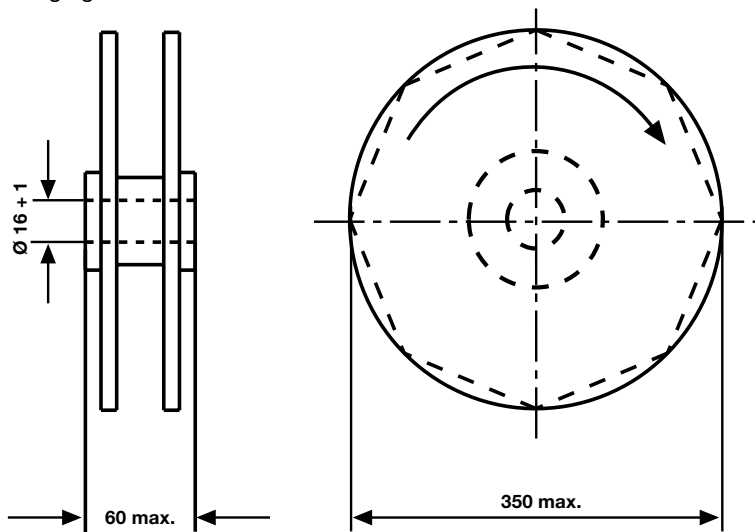


# Ceramic Disc RFI Capacitors

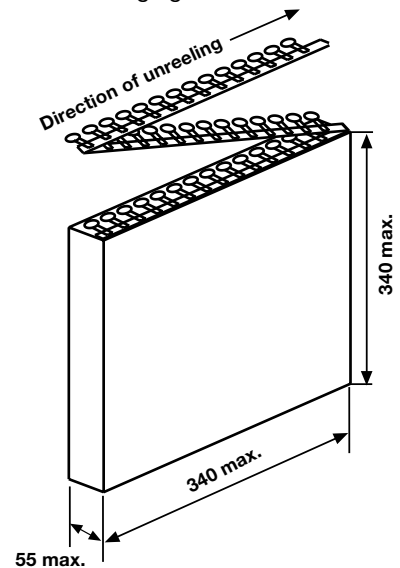
RADIAL TAPING OF CERAMIC DISC CAPACITORS					
DESIGNATION	SYMBOL	TAPING P	TAPING T	TAPING U	TAPING F
Pitch of Component	P		12.7 ± 1		25.4 ± 1
Pitch of sprocket hole	P <sub>0</sub>		12.7 ± 0.3		12.7 ± 0.3
Distance, hole to lead	P <sub>1</sub>		3.85 ± 0.7		(0.5F) ± 0.7
Distance, hole to center of component	P <sub>2</sub>		6.35 ± 1.3		12.7 ± 1.3
Lead spacing	F		5.0 / 7.5 + 0.8 - 0.2		5/7.5/10/12.5 ± 0.8
Average deviation across tape	Δh		± 2.0 max.		± 3.0 max.
Average deviation in direction of reeling	ΔP		± 1.3 max.		± 1.3 max.
Carrier tape width	W		18.0 + 1 - 0.5		18.0 + 1 - 0.5
Hold-down tape width	W <sub>0</sub>		6.0		6.0
Position of sprocket hole	W <sub>1</sub>		9.0 + 0.75 - 0.5		9.0 + 0.75 - 0.5
Distance of hold-down tape	W <sub>2</sub>		3.0 max.		3.0 max.
Distance between the abscissa and the bottom plane of the component body	H	16.5 ± 0.5	18.0 + 2 - 0	20 ± 1	16.5 ± 0.5 18.0 + 2 - 0 20.0 ± 1
Distance between the abscissa and the reference plane of the component with crimped leads.	H <sub>0</sub>		16.0 ± 0.5		16.0 ± 0.5
Length of cut leads	L		11.0 max.		11.0 max.
Diameter of sprocket hole	D <sub>0</sub>		4.0 ± 0.2		4.0 ± 0.2
Total tape thickness	t		0.9 max.		0.9 max.

## PACKAGING VERSIONS

Reel Packaging

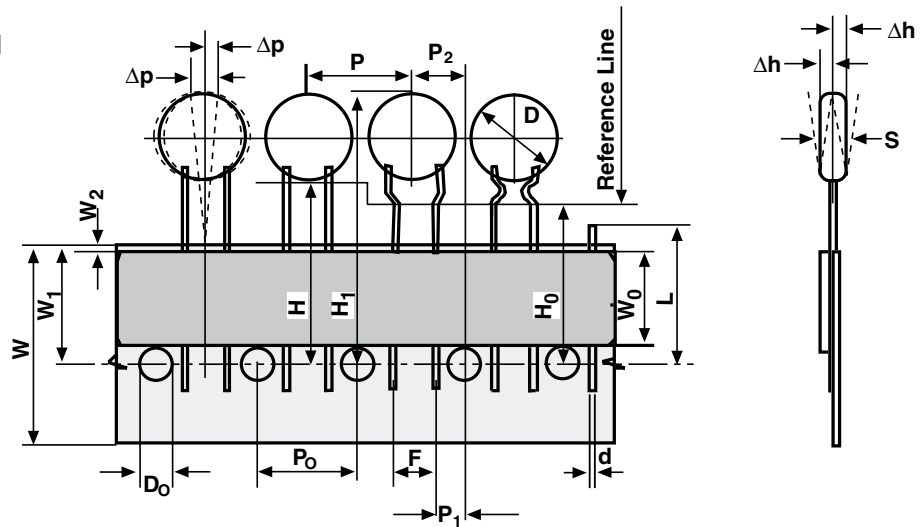


Ammo Packaging

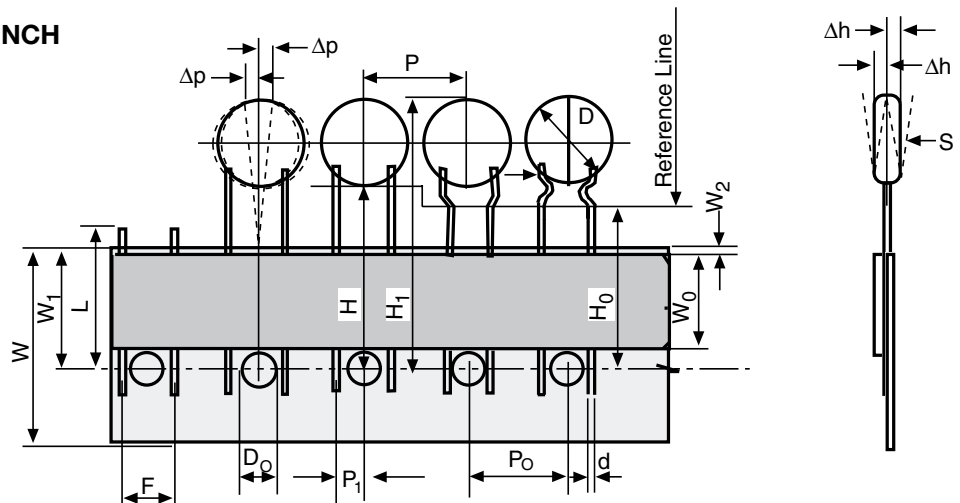


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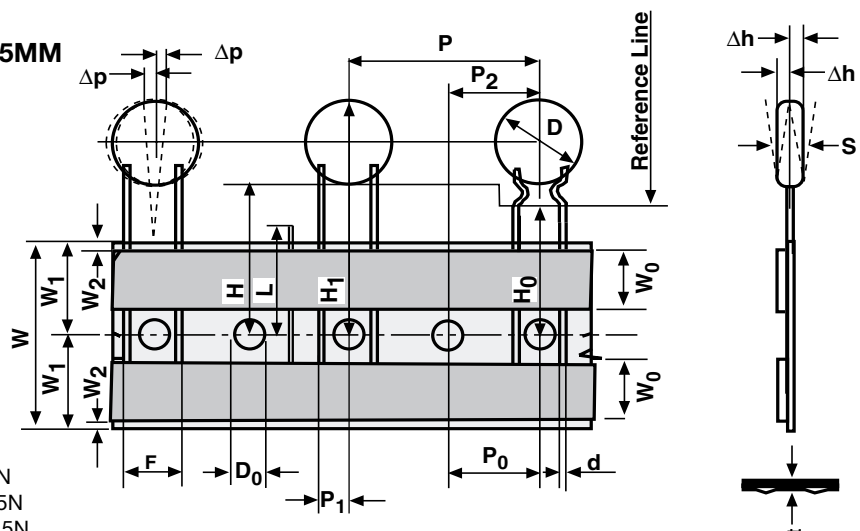
**TAPING P / T / U**  
**COMPONENT PITCH 0.5 INCH**  
**LEAD SPACING 5.0MM**



**TAPING P / T / U**  
**COMPONENT PITCH 0.5 INCH**  
**LEAD SPACING 7.5MM**



**TAPING F**  
**COMPONENT PITCH 1.0 INCH**  
**LEAD SPACING 5.0 / 7.5 / 10 / 12.5MM**



- Pulling force from the tape                      • 5N
- Tensile strength of tape                         • 15N
- Unreeling force of tape from reel           • 2.5N

Maximum 0.5% of all components on reel may be missing. A maximum of 3 consecutive components may be missing provided this gap is followed by 6 consecutive components. The splices shall have the same minimum strength as the tape. The splices must be not thicker than 1.5mm, the sprocket holes may not be effected.