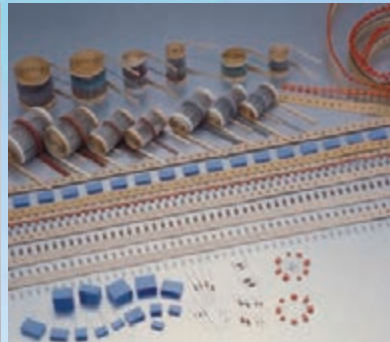
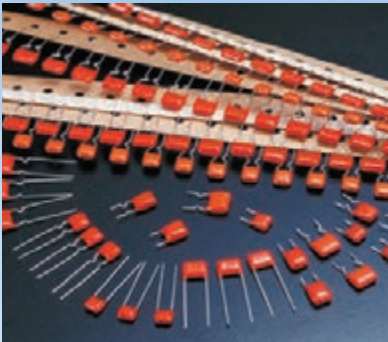
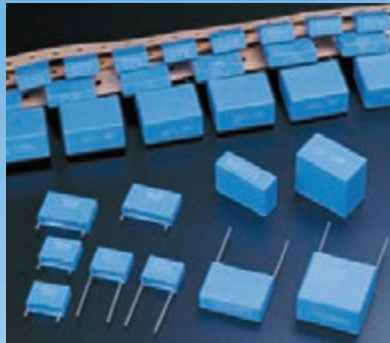


Product Guide 2018



Metallized Film Capacitors



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PILKOR ELECTRONICS CO.,LTD.

EMI Suppression Capacitors



MKP Radial Boxed
PCX2 339



MKP Radial Boxed
PCX2 337

Part Number	PCX2 339xxxxx	PCX2 337xxxxx
Dielectric	Metallized Polypropylene	Metallized Polypropylene
Capacitance Range (μF)	E6 0.001 to 10.0	E6 0.001 to 3.3
Tolerance (%)	±10, ±20	±10, ±20
Rated Voltage (V)	VRac 305	VRac 275
Pitch (mm)	10.0 / 15.0 / 22.5 / 27.5 / 37.5	10.0 / 15.0 / 22.5 / 27.5
Climatic Category	55/110/21	40/105/21
Reference Specification	IEC 60384-14 and EN 60384-14	IEC 60384-14 and EN 60384-14
Pulse Rise Time (dV/dt)	100 to 400 V/μs	100 to 400 V/μs
Approvals	UL60384-14 & CSA E60384-14:09(cUL), ENEC, EK, CQC	UL60384-14 & CSA E60384-14:09(cUL), ENEC, EK, CQC
Applications	SMPS, EMI Filters, E-Ballast Dom. Appliance	SMPS, EMI Filters, E-Ballast Dom. Appliance
Packing	Loose in box, Ammpack	Loose in box, Ammpack



MKP Radial Boxed
PCX1 331



MKP Radial Boxed
PCX1 331

Part Number	PCX1 331x4xxxx	PCX1 331x8xxxx
Dielectric	Metallized Polypropylene	Metallized Polypropylene
Capacitance Range (μF)	E6 0.01 to 1.0	E6 0.01 to 4.7
Tolerance (%)	±10, ±20	±10, ±20
Rated Voltage (V)	VRac 440	VRac 480
Pitch (mm)	15.0 / 22.5 / 27.5	15.0 / 22.5 / 27.5 / 37.5
Climatic Category	55/105/21	55/110/21
Reference Specification	IEC 60384-14 and EN 60384-14	IEC 60384-14 and EN 60384-14
Pulse Rise Time (dV/dt)	100 to 250V/μs	100 to 250V/μs
Approvals	UL60384-14 & CSA E60384-14:09(cUL), ENEC	UL60384-14 & CSA E60384-14(cUL), ENEC
Applications	Industrial	Industrial
Packing	Loose in box, Ammpack	Loose in box, Ammpack



MKP Radial Boxed
PCRC 420



MKP Radial Boxed
PCY2 130

Part Number	PCRC 420 xxxxx	PCY2 130xxxxx
Dielectric	Metallized Polypropylene	Metallized Polypropylene
Capacitance Range (μF)	E12 0.033 to 0.22 Resistance Value(Ω) 22, 47, 120	E6 0.001 to 0.47
Tolerance (%)	C-tol : ±20 & R-tol : ±10	±10, ±20
Rated Voltage (V)	VRac 250	VRac 300
Rated Voltage (V)	15.0 / 17.5	10.0 / 15.0 / 22.5 / 27.5
Climatic Category	40/085/21	55/105/21
Reference Specification	IEC 60384-14	IEC 60384-14 and EN 60384-14
Pulse Rise Time (dV/dt)	100 V/μs	100 V/μs
Approvals	UL60384-14 & CSA E60384-14:09(cUL), VDE, EK	UL60384-14 & CSA E60384-14:09(cUL), ENEC, CQC, EK
Applications	Noise Suppressor, Spark Quenching	SMPS, EMI Filters
Packing	Loose in box, Ammpack	Loose in box, Ammpack

FILM CAPACITORS

Series Impedance Capacitor



MKT Radial Boxed
PCX2 347

Part Number	PCX2 347xxxxxx	
Dielectric	Metallized Polyester	
Capacitance Range (μ F)	E6	0.01 to 2.2
Tolerance (%)	± 10 , ± 20	
Rated Voltage (V)	VRac	310
Pitch (mm)	10.0 / 15.0 / 22.5 / 27.5	
Climatic Category	55/110/56	
Reference Specification	IEC 60384-14 and EN 60384-14 UL60384-14	
Pulse Rise Time (dV/dt)	100 V/ μ s	
Approvals	ENEC, UL60384-14, CQC	
Applications	Capacitive power supply, Energy meter	
Packing	Loose in box, Ammpack	

Metallized Polypropylene Capacitors



MMKP Radial Boxed
PCMP 384



MKP Radial Boxed
PCMP 389

Part Number	PCMP 384(x)xxxxx		PCMP 389(x)xxxxx	
Dielectric	Double Side Metallized PET Carrier Film and Polypropylene		Metallized Polypropylene	
Capacitance Range (μ F)	E24	0.00022 to 1.0	E24	0.00082 to 3.9
Tolerance (%)	± 3.5 , ± 5 , ± 10		± 5	
Rated Voltage (V)	VRdc	250, 400, 630, 800, 1000, 1250, 1600, 2000, 2500	VRdc	250, 400, 630, 1000, 1250, 1600, 2000
Pitch (mm)	10.0 / 15.0 / 22.5 / 27.5 (reduced pitch 7.5)		10.0 / 15.0 / 22.5 / 27.5 (reduced pitch 7.5)	
Climatic Category	55/105/56		55/105/56	
Reference Specification	IEC 60384-17 / 16		IEC 60384-17 / 16	
Pulse Rise Time (dV/dt)	250 to 11000 V/ μ s		50 to 9500 V/ μ s	
Approvals	-		-	
Applications	High pulse, High current, TV, SMPS, E-ballast, UPS, etc		High frequency, High current, TV, SMPS, E-ballast, etc	
Packing	Loose in box, Ammpack		Loose in box, Ammpack	

PFC Input Capacitors



MKP Radial Boxed
PCMP 372



MKP Radial Boxed
PCMP 352

Part Number	PCMP 372xxxxxx		P352xxxxxxxxxxx	
Dielectric	Metallized Polypropylene		Metallized Polypropylene	
Capacitance Range (μ F)	E12	0.022 to 2.2	E6	0.22 to 2.2
Tolerance (%)	± 5 , ± 10		± 5 , ± 10	
Rated Voltage (V)	VRdc	450, 500, 550, 630	VRdc	450
Pitch (mm)	10.0 / 15.0 / 22.5 / 27.5		10.0 / 15.0	
Climatic Category	40/105/21		40/105/21	
Reference Specification	IEC 60384-16		IEC 60384-16	
Pulse Rise Time (dV/dt)	55 to 270 V/ μ s		47.5 V/ μ s	
Approvals	-		-	
Applications	PFC Input		PFC input	
Packing	Loose in box, Ammpack		Loose in box, Ammpack	

AC Motor Running Capacitors



MKP Radial Boxed
PCPW 255

Part Number	P255xxxxxxxxxx	
Dielectric	Metallized Polypropylene	
Capacitance Range (μF)	E24	1.0 to 55
Tolerance (%)	±5, ±10	
Rated Voltage (V)	VRac	250, 310, 350, 400, 450
Pitch (mm) – Lead Type	27.5 / 37.5 / 52.5 – 2pin / 4pin	
Climatic Category	40/85/21	
Reference Specification	IEC 60252-1	
Pulse Rise Time(dV/dt)	14 to 47 V/μs	
Approvals	UL810(construction only)	
Applications	AC filter for PV inverter Motor applications	
Packing	Loose in box, Arrange Packing	

Power Electronic Capacitors



MKP Radial Boxed
PCPW 226



MKP Radial Boxed
PCPW 246

Part Number	P226xxxxxxxxxx		P246xxxxxxxxxx	
Dielectric	Metallized Polypropylene		Metallized Polypropylene	
Capacitance Range (μF)	E6	1.0 to 30	E6	1.0 to 150
Tolerance (%)	±5, ±10		±5	
Rated Voltage (V)	VRdc	250, 450, 630, 900	VRdc	450, 700, 900, 1100
Pitch (mm)	27.5 / 37.5 – 2pin / 4pin		27.5 / 37.5 / 52.5 – 2pin / 4pin	
Climatic Category	40/105/56		40/105/56	
Reference Specification	IEC 60384-16 / IEC 61071		IEC 60384-16 / IEC 61071	
Pulse Rise Time (dV/dt)	55 to 120 V/μs		14 to 100 V/μs	
Approvals	-		-	
Applications	DC-Link filtering, Switching		- DC-Link filtering (high density) - Automotive Solar / industrial inverter	
Packing	Loose in box, Arrange Packing		Arrange Packing	

Low DC Film Capacitor

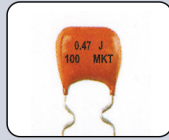


MKT Radial Boxed
PCPW 223

Part Number	PCPW 223xxxxxx	
Dielectric	Metallized Polyester	
Capacitance Range (μF)	E6	4.7 to 22
Tolerance (%)	±10	
Rated Voltage (V)	VRdc	35, 100
Pitch (mm)	15.0 / 22.5	
Climatic Category	40/105/21	
Reference Specification	IEC 60384-2 & Tested acc. with AEC-Q200	
Pulse Rise Time (dV/dt)	3.0 to 9.2 V/μs	
Approvals	-	
Applications	Low DC-DC converter	
Packing	Loose in box	

FILM CAPACITORS

General Purpose Capacitors



MKT Radial Dipped
PCMT 365/366/367

Part Number	PCMT 365/366/367 xxxxx	
Dielectric	Metallized Polyester	
Capacitance Range (μF)	E12	0.01 to 1.0
Tolerance (%)	±5, ±10	
Rated Voltage (V)	VRdc	63, 100, 250, 400, 630
	VRac	40, 63, 160, 220, 250
Pitch (mm)	5.0 / 7.5	
Climatic Category	55/105/56	
Reference Specification	IEC 60384-2	
Pulse Rise Time (dV/dt)	18 to 110V/μs	
Approvals	-	
Applications	Blocking, Coupling, Bypass, Energy reservoir	
Packing	Taped on reel, Ammopack (PCMT 365) Loose in box (PCMT 366/367)	



MKT Radial Boxed
PCMT 468

Part Number	PCMT 468(x)xxxxx	
Dielectric	Metallized Polyester	
Capacitance Range (μF)	E24	0.001 to 12
Tolerance (%)	±5, ±10	
Rated Voltage (V)	VRdc	100, 250, 400, 630, 1000
	VRac	63, 160, 220, 250, 300
Pitch (mm)	10.0 / 15.0 / 22.5 / 27.5 (reduced Pitch 7.5)	
Climatic Category	55/105/56	
Reference Specification	IEC 60384-2	
Pulse Rise Time (dV/dt)	15 to 170V/μs	
Approvals	-	
Applications	Blocking, Coupling, Bypass, Energy reservoir	
Packing	Loose in box, Ammopack	

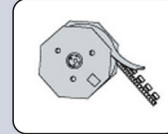
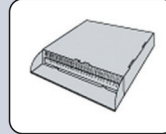
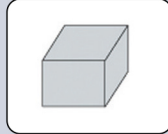
DC-LINK Capacitor (Customized Designs)



PCHM 912

Part Number	P912Cxxxxxxxxx	P912A60507JA57
Dielectric	Metallized Polypropylene	Metallized Polypropylene
Capacitance Range (μF)	< 5000μF (customer specific design)	500μF
Tolerance (%)	±5	±5
Rated Voltage (V)	VRdc	450 ~ 1100
Operating temperature range	-40°C~105°C	-40°C~105°C
Rated current	< 400Arms	< 70Arms
Self inductance	< 20nH at 1MHz	< 15nH
Reference Specification	AEC-Q200	AEC-Q200
Approvals	-	-
Applications	- DC-link filtering application - Automotive (HEV,EV) inverter - Renewable energies inverter	- DC-link filtering application - Automotive (HEV,EV) inverter - Renewable energies inverter
Packing	User specific	User specific

Packing



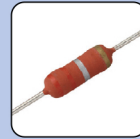
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EMI Suppression Capacitors			
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331	<input type="radio"/>	<input type="radio"/>	
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Series Impedance Capacitor			
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Metallized Polypropylene Capacitors			
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AC Motor Running Capacitors			
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General Purpose Capacitors			
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DC-LINK Capacitor			
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RESISTORS

Wire Wound Resistors



PWWR1W

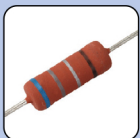


PWWR2W

Part Number	PWWR 171 xxxxx (inductive) PWWR 271 xxxxx (non inductive)	PWWR 172 xxxxx (inductive) PWWR 272 xxxxx (non inductive)
Power (W)	1	2
Resistance Range	Inductive	0,04Ω to 100Ω
	Non Inductive	0,04Ω to 0,99Ω
Tolerance (%)	E24 / E48 / E96 ±10, ±5, ±2, ±1, ±0.5	E24 / E48 / E96 ±10, ±5, ±2, ±1, ±0.5
Temperature Coefficient (ppm/°C)	R < 0,1Ω	±250
	R ≥ 0,1Ω	±150
Limiting Voltage (V)	150	200
Dimension (mm)	∅ D×L ∅4,0×9,0	∅ D×L ∅4,0×11,0



PWWR3W



PWWR5Ws

Part Number	PWWR 173 xxxxx (inductive) PWWR 273 xxxxx (non inductive)	PWWR 177 xxxxx (inductive) PWWR 277 xxxxx (non inductive)
Power (W)	3	5
Resistance Range	Inductive	0,02Ω to 100Ω
	Non Inductive	0,02Ω to 0,99Ω
Tolerance (%)	E24 / E48 / E96 ±10, ±5, ±2, ±1, ±0.5	E24 / E48 / E96 ±5, ±2, ±1
Temperature Coefficient (ppm/°C)	R < 0,1Ω	±250
	R ≥ 0,1Ω	±150
Limiting Voltage (V)	250	400
Dimension (mm)	∅ D×L ∅5,6×15,5	∅ D×L ∅6,0×16,5

Standard Metal Film Resistors


PSFR16S

Part Number	PSFR 185/187 xxxxx
Power (W)	0,25
Resistance Range	1 Ω to 5,6M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/ $^{\circ}$ C)	R \leq 4,7 Ω ± 250 R \leq 1M Ω ± 100 R > 1M Ω ± 250
Limiting Voltage (V)	200
Dimension (mm)	\varnothing D x L $\varnothing 1,9 \times 3,2$


PSFR25

Part Number	PSFR 181/184/188 xxxxx
Power (W)	0,25
Resistance Range	0,22 Ω to 10M Ω / zero Ω
Tolerance (%)	E24 / E48 / E96 $\pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/ $^{\circ}$ C)	R \leq 4,7 Ω ± 250 R \leq 1M Ω ± 100 R > 1M Ω ± 250
Limiting Voltage (V)	250
Dimension (mm)	\varnothing D x L $\varnothing 2,5 \times 6,5$


PSFR25H

Part Number	PSFR 183/186 xxxxx
Power (W)	0,5
Resistance Range	0,22 Ω to 10M Ω / zero Ω
Tolerance (%)	E24 / E48 / E96 $\pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/ $^{\circ}$ C)	R \leq 4,7 Ω ± 250 R \leq 1M Ω ± 100 R > 1M Ω ± 250
Limiting Voltage (V)	350
Dimension (mm)	\varnothing D x L $\varnothing 2,5 \times 6,5$

Fusible Resistors


PNFR25

Part Number	PNFR 205 xxxxx
Power (W)	0,25
Resistance Range	0,22 Ω to 15K Ω
Tolerance (%)	E24 $\pm 10, \pm 5$
Temperature Coefficient (ppm/ $^{\circ}$ C)	R \leq 4,7 Ω ± 250 R > 4,7 Ω ± 200
Limiting Voltage (V)	200
Dimension (mm)	\varnothing D x L $\varnothing 2,5 \times 6,5$


PNFR25H

Part Number	PNFR 207 xxxxx
Power (W)	0,5
Resistance Range	0,22 Ω to 15K Ω
Tolerance (%)	E24 $\pm 10, \pm 5$
Temperature Coefficient (ppm/ $^{\circ}$ C)	R \leq 4,7 Ω ± 250 R > 4,7 Ω ± 200
Limiting Voltage (V)	350
Dimension (mm)	\varnothing D x L $\varnothing 2,5 \times 6,5$


PNFR1W

Part Number	PNFR 208/308 xxxxx
Power (W)	1
Resistance Range	0,1 Ω to 10K Ω
Tolerance (%)	E24 $\pm 10, \pm 5$
Temperature Coefficient (ppm/ $^{\circ}$ C)	R \leq 4,7 Ω ± 250 R > 4,7 Ω ± 200
Limiting Voltage (V)	350
Dimension (mm)	\varnothing D x L $\varnothing 3,9 \times 10,0$


PNFR2W

Part Number	PNFR 207 xxxxx
Power (W)	2
Resistance Range	0,1 Ω to 10K Ω
Tolerance (%)	E2 $\pm 10, \pm 5$
Temperature Coefficient (ppm/ $^{\circ}$ C)	R \leq 4,7 Ω ± 250 R > 4,7 Ω ± 200
Limiting Voltage (V)	500
Dimension (mm)	\varnothing D x L $\varnothing 3,9 \times 10,0$

RESISTORS

Power Metal Film Resistors



PPRR1W

Part Number	PPRR 193/197/293 xxxxx
Power (W)	1
Resistance Range	0.22 Ω to 1M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/C)	± 250
Limiting Voltage (V)	350
Dimension (mm)	\varnothing D x L $\varnothing 2.5 \times 6.5$



PPRR2W

Part Number	PPRR 194/294 xxxxx
Power (W)	2
Resistance Range	0.1 Ω to 1M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/C)	± 250
Limiting Voltage (V)	500
Dimension (mm)	\varnothing D x L $\varnothing 3.9 \times 9.0$



PPRR3W

Part Number	PPRR 195/295 xxxxx
Power (W)	3
Resistance Range	0.47 Ω to 470k Ω
Tolerance (%)	E24 / E48 / E96 $\pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/C)	± 350
Limiting Voltage (V)	750
Dimension (mm)	\varnothing D x L $\varnothing 6.0 \times 15.5$

High Voltage Surge Resistors (Glaze)



PPSR25

Part Number	PPSR 241 xxxxx
Power (W)	0.25
Resistance Range	47k Ω to 33M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 10, \pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/C)	± 350
Limiting Voltage (V)	1600
Dimension (mm)	\varnothing D x L $\varnothing 2.7 \times 6.5$
Safety Approval	-



PPSR37

Part Number	PPSR 242 xxxxx
Power (W)	0.5
Resistance Range	47k Ω to 500M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 10, \pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/C)	± 350
Limiting Voltage (V)	3600
Dimension (mm)	\varnothing D x L $\varnothing 4.0 \times 9.0$
Safety Approval	C-UL_VDE_CQC(480k Ω -12M Ω)



PPSR37L

Part Number	PPSR 244 xxxxx
Power (W)	<1
Resistance Range	47k Ω to 500M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 10, \pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/C)	± 350
Limiting Voltage (V)	7000
Dimension (mm)	\varnothing D x L $\varnothing 4.0 \times 12.0$



PPSR52

Part Number	PPSR 250 xxxxx
Power (W)	1
Resistance Range	47k Ω to 500M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 10, \pm 5, \pm 2, \pm 1$
Temperature Coefficient (ppm/C)	± 350
Limiting Voltage (V)	10000
Dimension (mm)	\varnothing D x L $\varnothing 6.0 \times 16.5$

High Voltage Metal Surge Resistors


PMSR16

PMSR25

Part Number	PMSR 249 xxxxx	PMSR 245 xxxxx
Power (W)	0.25	0.25
Resistance Range	10k Ω to 5.6M Ω	10k Ω to 10M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 5, \pm 2$	E24 / E48 / E96 $\pm 10, \pm 5, \pm 2$
Temperature Coefficient (ppm/ $^{\circ}$ C)	± 250	± 250
Limiting Voltage (V)	800	1600
Dimension (mm)	\varnothing D x L $\varnothing 2.0 \times 3.2$	\varnothing D x L $\varnothing 2.7 \times 6.5$


PMSR37

PMSR37L

Part Number	PMSR 240 xxxxx	PMSR 246 xxxxx
Power (W)	0.5	1s
Resistance Range	10k Ω to 10M Ω	10k Ω to 10M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 10, \pm 5, \pm 2$	E24 / E48 / E96 $\pm 10, \pm 5, \pm 2$
Temperature Coefficient (ppm/ $^{\circ}$ C)	± 250	± 250
Limiting Voltage (V)	3600	4500
Dimension (mm)	\varnothing D x L $\varnothing 4.0 \times 9.0$	\varnothing D x L $\varnothing 4.0 \times 12.0$
Safety Approval	C-UL,VDE,CQC(480k Ω -12M Ω)	C-UL,VDE,CQC(480k Ω -12M Ω)

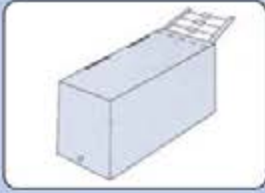
High Voltage Metal Surge Resistors


PMSR52

Part Number	PMSR 247 xxxxx
Power (W)	1
Resistance Range	10k Ω to 10M Ω
Tolerance (%)	E24 / E48 / E96 $\pm 10, \pm 5, \pm 2$
Temperature Coefficient (ppm/ $^{\circ}$ C)	± 250
Limiting Voltage (V)	7000
Dimension (mm)	\varnothing D x L $\varnothing 6.0 \times 16.5$
Safety Approval	C-UL,VDE,CQC(480k Ω -12M Ω)

RESISTORS

Packing



Ammopack



Loose in box

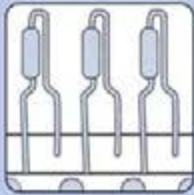


Radial taped



Taped on reel

Lead Type(Formed)



Radial Taped