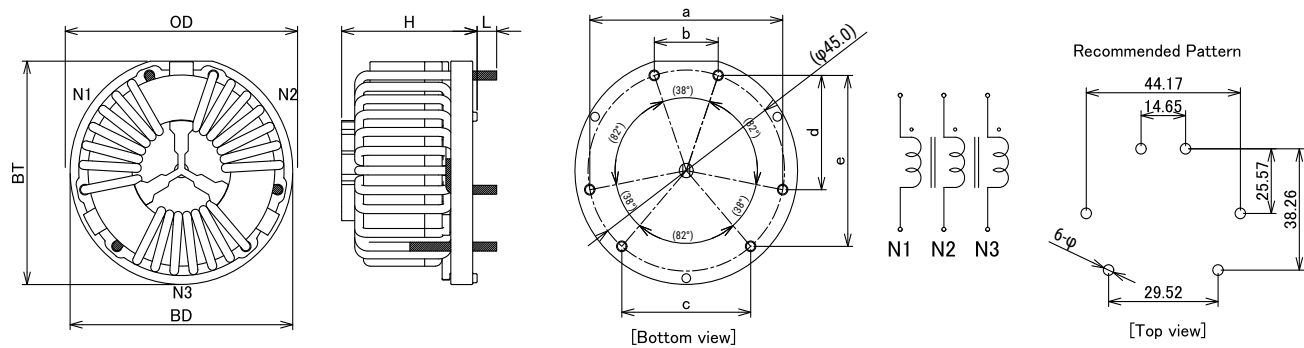
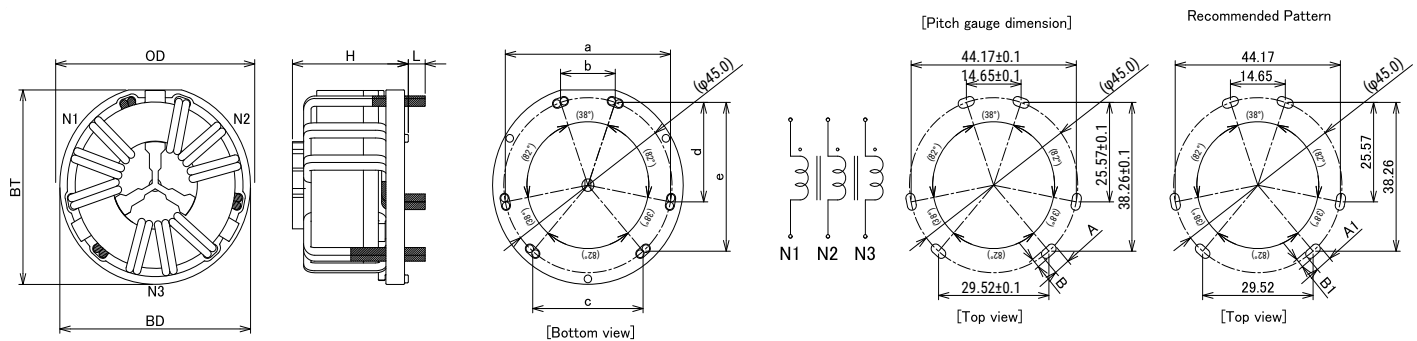


SCF-XV Common Mode Coils, Nanocrystal, High Temperature up to +150°C, Three-Phase, AEC-Q200 Automotive Kit

Sample Kit Contents

KEMET Part Number	Rated Voltage AC/DC (V)	Rated Current (A)	Inductance (mH) $\pm 30\%$	DC Resistance/Line (m Ω) $\pm 13\%$	Temperature Rise (K) Maximum	Quantity	Description
SCF39XV-150-S1R7A011JH	1,000	15	3.000 +50%, -30%	5.450 $\pm 13\%$	45	1	SCF-XV Common Mode Coils, Nanocrystal, High Temperature up to +150°C, Three-Phase, AEC-Q200 Automotive Kit
SCF39XV-190-S1R9A009JH	1,000	19	2.000 +50%, -30%	3.690 $\pm 13\%$	50	1	SCF-XV Common Mode Coils, Nanocrystal, High Temperature up to +150°C, Three-Phase, AEC-Q200 Automotive Kit
SCF39XV-230-S2R2A007JH	1,000	23	1.200 +50%, -30%	2.230 $\pm 13\%$	50	1	SCF-XV Common Mode Coils, Nanocrystal, High Temperature up to +150°C, Three-Phase, AEC-Q200 Automotive Kit
SCF39XV-400-S2R2B003JH	1,000	40	0.220 +50%, -30%	0.400 $\pm 23\%$	35	1	SCF-XV Common Mode Coils, Nanocrystal, High Temperature up to +150°C, Three-Phase, AEC-Q200 Automotive Kit
KEMET Part Number	Rated Voltage AC/DC (V)	Rated Current (A)	Inductance (mH) $\pm 30\%$	DC Resistance/Line (m Ω) $\pm 13\%$	Temperature Rise (K) Maximum	Quantity	Description

Dimensions – Millimeters

Figure 1

Figure 2


Part Name	Dimensions (mm)			Base Dimensions ²		Pin Pitch ³					Pitch Gauge ⁴		Recommended Hole Pattern ⁵			Figure
	OD (Max)	H ¹	L	BD	BT	a	b	c	d	e	A	B	φ	A1	B1	
SCF39XV-150-S1R7A011JH	53.0	31.0 +1.0/-0.6	4.50 ±0.5	51.0 ±0.5	50.0 ±0.5	44.17 ±0.6	14.65 ±0.6	29.52 ±0.6	25.57 ±0.6	38.26 ±0.6	-	-	2.3	-	-	Fig. 1
SCF39XV-190-S1R9A009JH	53.0	31.0 +1.0/-0.6	4.50 ±0.5	51.0 ±0.5	50.0 ±0.5	44.17 ±0.6	14.65 ±0.6	29.52 ±0.6	25.57 ±0.6	38.26 ±0.6	-	-	2.6	-	-	Fig. 1
SCF39XV-230-S2R2A007JH	53.0	31.0 +1.0/-0.6	4.50 ±0.5	51.0 ±0.5	50.0 ±0.5	44.17 ±0.6	14.65 ±0.6	29.52 ±0.6	25.57 ±0.6	38.26 ±0.6	-	-	3.0	-	-	Fig. 1
SCF39XV-400-S2R2B003JH	53.0	31.0 +1.0/-0.6	4.50 ±0.5	51.0 ±0.5	50.0 ±0.5	(44.17)	(14.65)	(29.52)	(25.57)	(38.26)	5.6 ±0.1	3.0 ±0.1	-	5.8	3.2	Fig. 2

¹ The lower limit dimension is not 100% inspected in production process.

² The terminal base dimension is not 100% inspected in production process.

³ Inspection by using pin-pitch gauge.

⁴ Inspection by using pin-pitch gauge as shown in Figure 2.

⁵ Values are for reference only, not guaranteed.

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