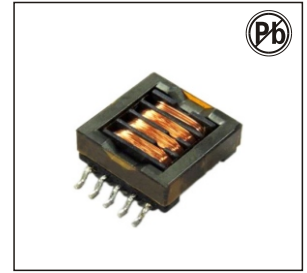


SMD CCFLTRANSFORMERS

STEF15 SERIES



FEATURES:

- Transformers for use in CCFL power supplies
- Supply output current up to 11mA
- Frequency range from 40 to 80KHz
- Deliver output power from 2.5 to 6 Watts
- Ferrite core material

ELECTRICAL CHARACTERISTICS@25°C

2.5WATT VERSIONS

Part Number	Pout watts	OCL typ (uH)	DCR (Ω)Max Pri	DCR (Ω)Max Sec	Turns ratio Ns/Np ± 2%	Vpri (V) Max	Vsec (V) Max	Is Max	Vpri abnormal	Vsec abnormal	Size	Sche-matic
STEF15-201	2.5	43	0.22	285	67	20	1340	0.005	30	2000	A	A
STEF15-202	2.5	43	0.22	285	67	20	1340	0.005	30	2000	A	B
STEF15-203	2.5	26	0.19	285	86	15	1340	0.005	23	2000	A	B
STEF15-204	2.5	19	0.22	285	100	13	1340	0.005	23	2000	A	B
STEF15-205	2.5	43	0.22	285	67	20	1340	0.005	30	2000	B	A
STEF15-206	2.5	43	0.22	285	67	20	1340	0.005	30	2000	B	B
STEF15-207	2.5	26	0.21	285	86	15	1340	0.005	23	2000	B	B
STEF15-208	2.5	19	0.19	285	100	13	1340	0.005	23	2000	B	B

4WATT VERSIONS

Part Number	Pout watts	OCL typ (uH)	DCR (Ω)Max Pri	DCR (Ω)Max Sec	Turns ratio Ns/Np ± 2%	Vpri (V) Max	Vsec (V) Max	Is Max	Vpri abnormal	Vsec abnormal	Size	Sche-matic
STEF15-401	4	44	0.22	165	50	26	1340	0.007	40	2000	C	C
STEF15-402	4	27	0.16	220	86	15	1340	0.007	23	2000	C	C
STEF15-403	4	20	0.16	220	100	13	1340	0.007	23	2000	C	C
STEF15-404	4	20	0.16	330	125	10	1340	0.007	16	2000	C	C
STEF15-405	4	44	0.22	165	50	26	1340	0.007	40	2000	D	C
STEF15-406	4	27	0.16	220	86	15	1340	0.007	23	2000	D	C
STEF15-407	4	20	0.16	220	100	13	1340	0.007	23	2000	D	C
STEF15-408	4	20	0.16	330	125	10	1340	0.007	16	2000	D	C

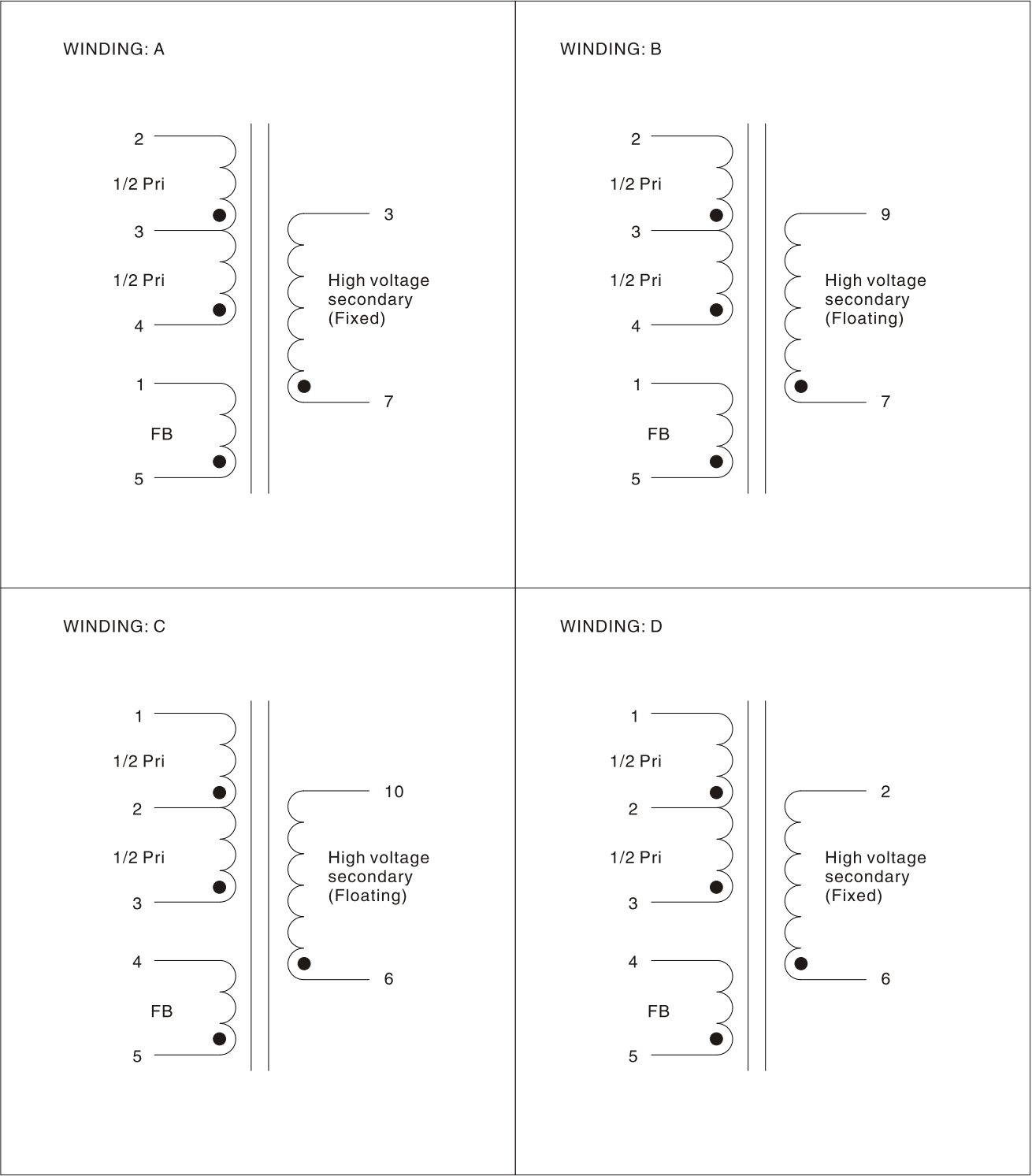
6WATT VERSIONS

Part Number	Pout watts	OCL typ (uH)	DCR (Ω)Max Pri	DCR (Ω)Max Sec	Turns ratio Ns/Np $\pm 2\%$	Vpri (V) Max	Vsec (V) Max	Is Max	Vpri abnormal	Vsec abnormal	Size	Schematic
STEF15-601	6	44	0.16	176	67	20	1340	0.011	30	2000	E	D
STEF15-602	6	44	0.16	132	50	26	1340	0.011	40	2000	E	C
STEF15-603	6	44	0.16	176	67	20	1340	0.011	30	2000	E	C
STEF15-604	6	27	0.132	176	86	15	1340	0.011	23	2000	E	C
STEF15-605	6	20	0.132	176	100	13	1340	0.011	23	2000	E	C
STEF15-606	6	20	0.132	291	125	11	1340	0.011	16	2000	E	C
STEF15-607	6	44	0.16	176	67	20	1340	0.011	30	2000	F	D
STEF15-608	6	44	0.16	132	50	26	1340	0.011	40	2000	F	C
STEF15-609	6	44	0.16	176	67	20	1340	0.011	30	2000	F	C
STEF15-610	6	27	0.132	176	86	15	1340	0.011	23	2000	F	C
STEF15-611	6	20	0.132	176	100	13	1340	0.011	23	2000	F	C
STEF15-612	6	20	0.132	291	125	11	1340	0.011	16	2000	F	C

Notes:

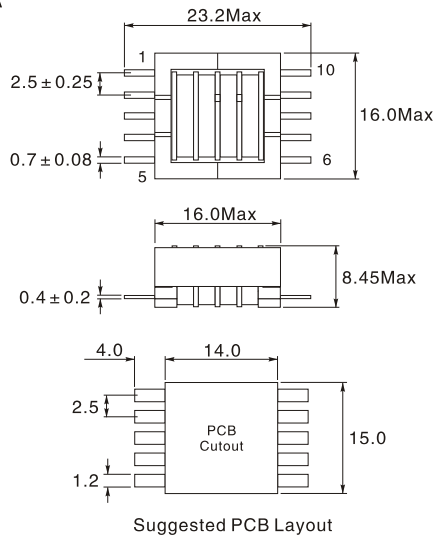
1. Solderability: Leads shall meet MIL-STD-2020G, Method 208H for solderability
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C.
5. All listed parameters are to be within tolerance from -40°C to +85°C unless otherwise noted
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

WINDING

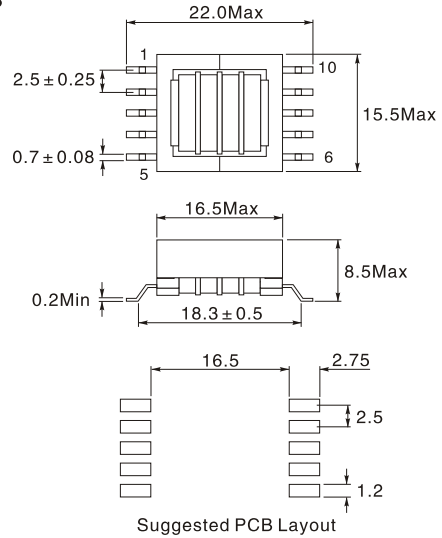


SIZE

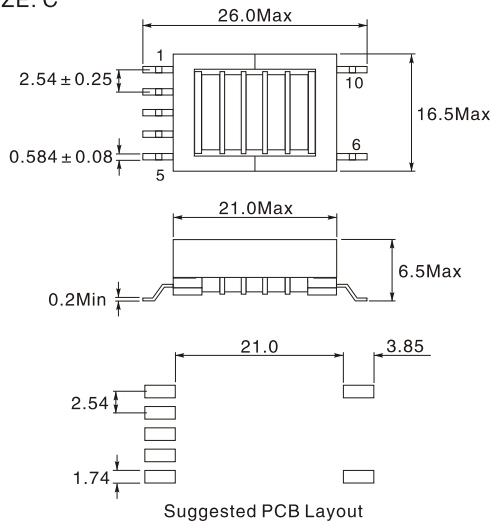
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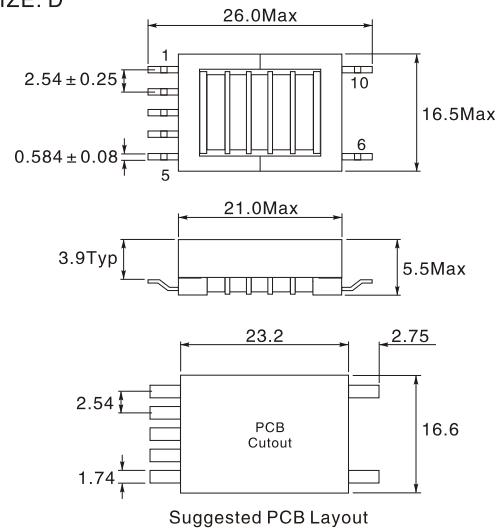
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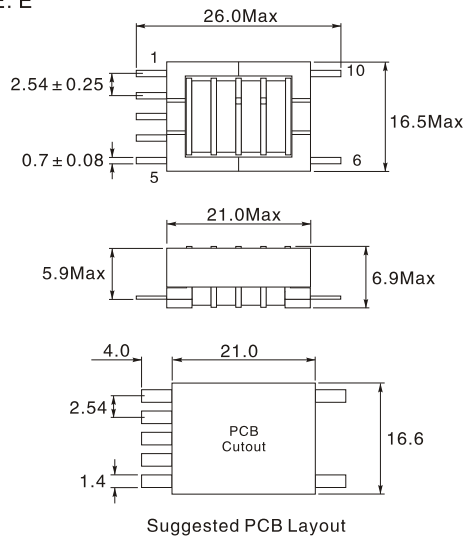
SIZE: C



SIZE: D



SIZE: E



SIZE: F

