



**经纬达科技**  
JWD TECHNOLOGY



AEC-Q200



IATF16949



RoHS COMPLIANT

# SPER20SX SERIES

## PLANAR TRANSFORMER

### Features And Benefits:

- Multilayer PCB For Transformer Winding
- High Consistency And Efficiency
- Low Profile, High Reliability
- Winding Structure : PCB Up To 24 Layers
- Typical Efficiency : 95% ~ 99%
- Typical Topology : Forward/Flyback/Buck/Full Bridge/Half Bridge

### Electrical Specifications

Part Number	Mech. Drawing	Power (W)	Inductance $\pm 10\%$ ( $\mu$ H)	DCR Max (m $\Omega$ )			Leakage Inductance Max ( $\mu$ H)	Turns Ratio			Isat (A)	Output
				Pri.	Sec.	Aux.		Pri.	Sec.	Aux.		
SPER20S6	A Type	71	18	35.00	1.60	220.00	0.5	1.000	0.166	0.666	6.3	3.3V/21.0A
SPER20S7	A Type	71	18	40.00	2.50	220.00	0.5	1.000	0.250	0.500	6.3	5.0V/14.0A
SPER20S8	A Type	71	18	40.00	8.00	220.00	0.5	1.000	0.500	0.500	6.6	12.0V/5.9A
SPER20S9	A Type	71	18	40.00	28.00	220.00	0.5	1.000	1.000	0.500	6.6	24.0V/2.9A

**NOTES:**

- DC Current At 25°C That Causes An Inductance Drop Of <15% From Its Value Without Current
- Output Is For The Secondary. Output Of The Aux Winding Is 12V/30mA

• The Latest Changes Without Notice. Or The Latest Changes And Information Please Contact With Us!  
• The Product Data Only Shows The Basic Parameter Characteristics. He Detailed Application Requirements And Matters Needing Attention Should Be Confirmed To Us

## A Type

