

Amphenol

LPT Series



Interconnect Technology



Features & Markets

Features

- Aluminum shell construction provides high strength while being light in weight
- Ingress protection up to IP67 and IP69K when in the mated condition
- Follow USCAR2 and meet V2 Vibration
- Quick positive bayonet coupling
- High shock and high vibration resistance
- Stamped and formed contacts

Markets

- Machine Building Industry
- Telecommunications
- Railway Supply Industry
- Renewable Energy
- Heavy Equipment
- Automotive Industry
- Process Instrumentation (Flow & Level Measurement)
- Motors (General Purposes)
- Transformers (Power & Energy)

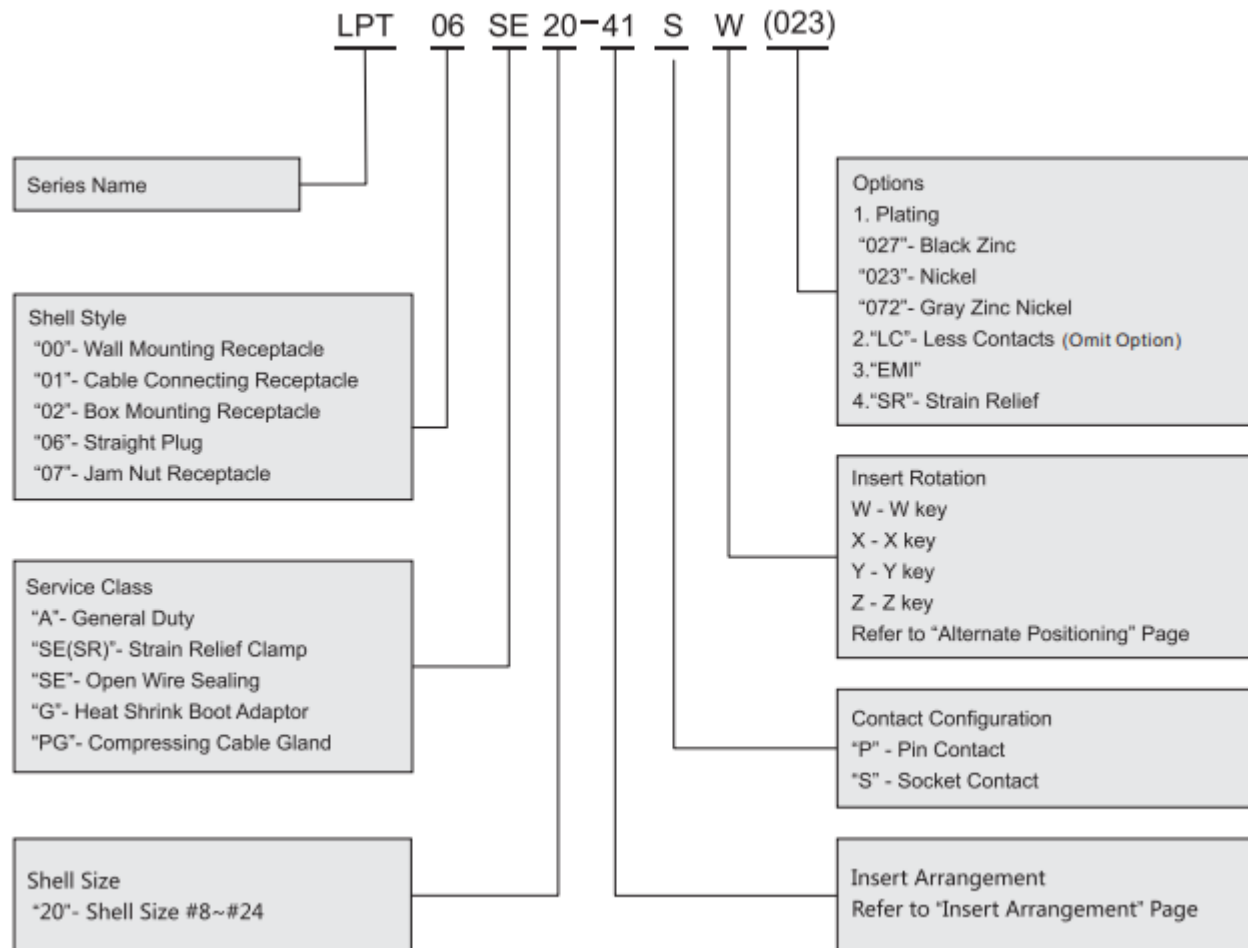


Specifications

Shell Material	Aluminum	
Insert Material	Plastic	
Contact	Material	Copper alloy
	Plating	Tin/Nickel/Gold plated
	Termination	Crimp
Temperature Range	-40°C to +125°C	
Ingress Protection	IP67&IP69K in the mated condition A basic dust cover or an IP67 compliant cap are available for protection in the unmated condition	
Test Current	20# contact 5A	
	16# contact 13A	
	12# contact 23A/35A with RADSOK®	
Recommended Operating Voltage	I # 250V	
	II# 500V	
Test Voltage AC	I # 1500V	
	II# 2300V	
Mating Cycles	500 Cycles	
Salt Spray Test	1. Black Zinc (non-conductive): 48H 2. Nickel (conductive): 48H 3. Gray Zinc Nickel (conductive): 500H	
Vibration	In accordance with test procedure EIA-364-2B	
Thermal Shock	In accordance with test procedure EIA-364-32	
RoHS	Compliant	



How to Order



Applications

- Industrial Machinery
- Factory Automation
- Material Handling Equipment
- Medical Instrumentation & Equipment
- Communication Equipment
- HVAC
- Commercial and Building Equipment
- Heavy Equipment
- Agricultural Machinery, Recreational Vehicles



Summary

The Amphenol LPT Series

- Fast Coupling
- Cost effective
- Lightweight
- IP67/IP6K9K
- USCAR2 and meet V2 Vibration
- UL and CSA certification

