

PT55SE-14-12S

Specifications

Attribute	Value
Overview	
Description	The part number PT55SE-14-12S describes a high-reliability 12-pin circular female connector belonging to the miniature PT/PTSE series (which conforms to the MIL-DTL-26482 Series I specification). Historically manufactured by Thorn, this standard cross-references to modern equivalents from Amphenol Industrial.
Part Number Breakdown	
PT	Base miniature series name (Bayonet coupling)
55	Specifies the shell style. In this series, "55" denotes a cable-mounting plug environment with a specialized rear accessory profile or variant.
SE	Environmentally sealed variant using crimp terminations (as opposed to standard solder cups).
14	Shell Size.
12	Insert arrangement code, which establishes a high-density footprint accommodating 12 contacts.
S	Contact gender, standing for Socket (Female).
Technical Specifications	
Number of Positions	12 Contacts (Mixed layout: 8 size #20 contacts and 4 size #16 contacts).
Current Rating	7.5A (for size #20) / 13A (for size #16).
Operating Voltage	Up to 600 VAC.
Coupling Type	3-point bayonet lock system for quick, positive mating.
Materials	High-grade aluminum alloy shell featuring a resilient neoprene insert.
Ingress Protection	IP67 / Environmentally sealed with a integrated grommet backshell