



# Cannon's ruggedized KPT/KPSE 26482-Style miniature-circular connectors optimize performance in the harshest environments

Designed to meet stringent 26482-Style Series I and VG95328 specifications for performance and intermateability, our robust KPT/KPSE connectors are engineered for durability and reliability, no matter the conditions.

KPT/KPSE connectors feature a positive three point bayonet coupling, five-keyway polarization and high insert arrangement contact density. They are environmentally sealed, fully intermateable and accept a wide range of interchangeable accessories.



KPT 26482-Style Series I



KPSE 26482-Style Series I / VG95328

## The Cannon Difference

- A world leader in the design and manufacture of highly engineered connector solutions for multiple applications end markets
- More than a century of connector innovation and expertise
- RoHS compliant plating solutions that contribute to a more sustainable world

## Key Features

- Positive three point bayonet coupling rated at 500 mating cycles
- Five-keyway polarization for precise alignment
- High insert arrangement contact density
- Full range of metric, PG and standard accessories
- Solder contact configurations provide 30 PSI sealing
- Available with crimp contact for quick field termination
- Durable lightweight aluminum alloy shells
- Integrated backshell accommodates a wide variety of harnessing options and field termination applications

## Key Applications



Ground Transportation



Military Aviation



In-Flight Entertainment



Industrial Equipment

**DISCLAIMER:** Our facility is not currently certified by the DLA and this product is not covered by the QPL/QML. Mil-Spec part numbers are only for cross reference to the Commercial Equivalent.

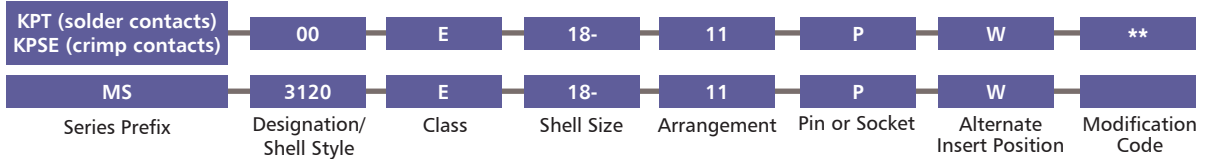
# KPT/KPSE Mini-Circular Connectors (26482-Style Series I)



## How to Order | Part Number Configurator

<b>Max. Voltage</b>	<b>Max. Current</b>	<b>Operating Temp</b>	<b>Durability</b>
1500-2300 VAC rms Sea Level	3.0 - 23.0 Amps	-55 to +125 degrees C	500 mating cycles

26482-Style  
Product Line  
Talking Dog



Series Prefix	KPT/KPSE	MS
Designation/Shell Style	00 - Wall mounting receptacle	3110 - Wall mounting receptacle (KPT)
	01 - Cable connecting receptacle	3111 - Cable connecting receptacle (KPT)
	02 - Box mounting receptacle (Class E only)	3112 - Box mounting receptacle (class E only) (KPT)
	06 - Straight plug	3114 - Jam nut receptacle (KPT)
	07 - Jam nut receptacle	3116 - Straight plug (KPT)
	08 - 90° angle plug	3119 - Thru bulkhead receptacle, (Class E Only) (KPT)
	B - Thru bulkhead receptacle (KPT)	
		3120 - Wall mounting receptacle (KPSE)
		3121 - Cable connecting receptacle (KPSE)
		3122 - Box mounting receptacle (KPSE)
	3124 - Jam nut receptacle (KPSE)	
	3126 - Straight plug (KPSE)	
Class	A - General duty (not MS approved)	A - General duty (not MS approved)
	B - General duty with strain relief (not MS approved) without grommet and ferrule	B - General duty with strain relief (not MS approved)
	E - With a grommet seal, not for 02 and 3112 (MS specification)	E - With a grommet seal, not for 02 and 3112 (MS specification)
	F - Grommet seal with strain relief (MS specification)	F - Grommet seal with strain relief (MS specification)
	J - Watertight gland seal with strain relief (MS specification) for jacketed cable (U.S. version)	J - Gland seal with strain relief for jacketed cable (U.S. version) (not MS approved)
	P - For potting (MS specification) (U.S. version)	P - For potting (MS specification) (U.S. version)
	PG - PG adapter (not available for shell #8)	
ME - Metric adapter (not available for shell #8)		
Shell Sizes	8, 10, 12, 14, 16, 18, 20, 22, 24	8, 10, 12, 14, 16, 18, 20, 22, 24
Contact Type	P - Pin	P - Pin
	S - Socket	S - Socket
Alternate Insert Position	W, X, Z (omit for normal)	W, X, Z (omit for normal)
Modification Code	A34 - Electroless nickel hardware, RoHS compliant (European version)	
	A71 - Electroless nickel hardware, RoHS compliant (U.S. version)	
	A206 - Black zinc cobalt hardware, RoHS compliant (U.S. version)	
	A232 - Black zinc cobalt hardware, RoHS compliant (European version)	
	A233 - Green zinc cobalt hardware (European version)	
	DN - Shrink boot adapter for shell styles 00, 01, 06 and 07 (Class E only)	
	A240 - Zinc Nickel Blue plating, RoHS Compliant (European version for all unshielded applications)	
	DZ - Endbell for shielding braids and shrink boots (Class E only)	
	07 - Clear chromate over cadmium hardware (U.S. version)	
	F42 - connectors without endbell and related parts	

Consult factory for other modifications. Omit first digit (0) of shell style indication when using a modification code.



## Why ITT

ITT is a focused, multi-industrial company that designs and manufactures highly engineered critical components and customized technology solutions.

ITT Cannon is a leading global manufacturer of connector products serving international customers in the aerospace and defense, industrial and medical end markets. We design and engineer a variety of interconnect solutions that make it possible to transfer data, signal and power in an increasingly connected world.

Connect with your ITT Cannon representative today or visit us at [www.ittcannon.com](http://www.ittcannon.com)

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