



# Cannon's ruggedized KPT/KPSE 26482 mini-circular connectors optimize performance, even in the harshest environments

Engineered to meet stringent 26482 series I and VG95328 specifications, these robust connectors deliver excellent performance 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 series I



KPSE 26482 series I



KPSE 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-density contact arrangements
- 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

## How to Order | Part Number Configurator

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

### 26482 Product Line Talking Dog

KPT (solder contacts) KPSE (crimp contacts)	00	E	18-	11	P	W	**
MS	3120	E	18-	11	P	W	
Series Prefix	Designation/ Shell Style	Class	Shell Size	Arrangement	Pin or Socket	Alternate Insert Position	Modification Code

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)	
	DN - Shrink boot adapter for shell styles 00, 01, 06 and 07 (Class E only)	
	A240 - Zinc Nickel Blue plating, RoHS Compliant (European version)	
	A241 - Tin Zinc Matt Grey plating, VG approved, RoHS compliant (European version)	
	DT - Banding endbell for shielding braids and shrink boots (Class E only)	
	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's Cannon brand is a leading global manufacturer of connector products serving international customers in aerospace, defense, medical, industrial and transportation end markets. ITT's Connector business, which also includes the Veam and BIW Connector Systems brand, manufactures and supplies a variety of connectors and interconnects that make it possible to transfer data, signal and power in an increasingly connected world.

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