

# How to order

## Cannon Order reference



### KPT / KPSE / KPTC

KP.. 02 E 22 - 36 P W \*

<b>Series</b>
KPSE – Cannon prefix crimp, contacts supplied
KPT – Cannon prefix solder, contacts installed
KPTC – Cannon prefix commercial version, contacts to be ordered separately. See modification codes for contact options

<b>Shell type (See note below)</b>	
Cannon designation omit 0 in case of a mod code and KPTC	
00 – wall mounting receptacle	see page 18-20
01 – cable connecting plug	see page 21-23
02 – box mounting receptacle (class E only)	see page 23-24
06 – straight plug	see page 24-27
07 – jam nut receptacle	see page 28-30
08 – 90° angle plug	see page 31
KPTB - thru-bulkhead receptacle	see page 24

<b>Class</b>
A – Endbell with thread, no grommet seal; for jam nut: without endbell
E – Pressure nut and grommet seal - for 90° versions: endbell with thread, and grommet seal – with modification DN: Endbell for heat shrink boot and grommet seal – with modification DZ: Endbell for heat shrink boot and grommet seal, shielded
F – Endbell with cable clamp and grommet seal
PG – endbell for PG glands
ME – endbell for metric glands

<b>Shell size</b>
8 – 24

<b>Contact arrangement</b>	see page 14-16
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<b>Contact type</b>
P – pin
S – socket

<b>Alternate insert position</b>	
W, X, Y and Z (omit for normal position)	see page 17

<b>Modification</b>	see page 12
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**Note:**

\* If a modification is used the initial ,0' in the shell style description is omitted e.g. KPT01E10-6P is changed to KPT1E10-6P-DN. KPTC series does not use the initial ,0' e.g. KPTC6E10-6P-C.

# Modification Codes

KPT:	
Multiple codes can be used in order of listing below:	
<b>Contact</b>	
PCB solder pin 0,76 x 7mm (style 02 and 07 only)	EX
PCB solder pin 0,6 x 7mm (style 02 and 07 only)	EW
<b>Endbell</b>	
heat shrink boot adapter, grommet seal	DN
shielded, heat shrink boot adapter, grommet seal	DZ
without endbell, grommet and ferrule	F42*
<b>Endbell for PG cable gland, class PG only</b>	
PG09 thread for connectors with shell size 10	P9
PG11 thread for connectors with shell size 12	P11
PG13,5 thread for connectors with shell size 14	P13,5
PG16 thread for connectors with shell size 16	P16
PG21 thread for connectors with shell size 18, 20, 22	P21
PG29 thread for connectors with shell size 24	P29
<b>Endbell for Metric cable gland, class ME only</b>	
M12 thread for connectors with shell size 10	M12
M16 thread for connectors with shell size 12	M16
M20 thread for connectors with shell size 16	M20
M25 thread for connectors with shell size 18, 20	M25
M32 thread for connectors with shell size 22, 24	M32
<b>Plating (Cadmium with olive drab chromate plating is standard - without code; Alternative platings below)</b>	
Zinc Cobalt, black plating (RoHS compliant)	A232
Zinc Nickel plating (RoHS compliant) (not for code DZ)	A240
Zinc Cobalt, green plating (RoHS compliant)	A233
Nickel plating (RoHS compliant)	A34

An example using these modifications:  
KPT2E10-6P-EW-A232

\* Note: Modification -F42 can only be used with Styles 0, 1, 6, 7 and 8. See details on pg 13

KPSE:	
Multiple codes can be used in order of listing below:	
<b>Endbell</b>	
heat shrink boot adapter, grommet seal	DN
shielded, heat shrink boot adapter, grommet seal	DZ
without endbell, grommet and ferrule	F42*
<b>Endbell for PG cable gland, class PG only</b>	
PG09 thread for connectors with shell size 10	P9
PG11 thread for connectors with shell size 12	P11
PG13,5 thread for connectors with shell size 14	P13,5
PG16 thread for connectors with shell size 16	P16
PG21 thread for connectors with shell size 18, 20, 22	P21
PG29 thread for connectors with shell size 24	P29
<b>Endbell for Metric cable gland, class ME only</b>	
M12 thread for connectors with shell size 10	M12
M16 thread for connectors with shell size 12	M16
M20 thread for connectors with shell size 16	M20
M25 thread for connectors with shell size 18, 20	M25
M32 thread for connectors with shell size 22, 24	M32
<b>Plating (Cadmium with olive drab chromate plating is standard - without code; Alternative platings below)</b>	
Zinc Cobalt, black plating (RoHS compliant)	A232
Zinc Nickel plating (RoHS compliant) (not for code DZ)	A240
Zinc Cobalt, green plating (RoHS compliant)	A233
Nickel plating (RoHS compliant)	A34
<b>Contact</b>	
Connector without contacts	F0

An example using these modifications:  
KPSE7F16-8S-A240-F0

\* Note: Modification -F42 can only be used with Styles 0, 1, 6, 7 and 8. See details on pg 13

KPTC:	
Multiple codes can be used in order of listing below:	
<b>Plating</b>	
Nickel plating (RoHS compliant)	C
Zinc Cobalt black plating (RoHS compliant)	R
Zinc Cobalt green plating (RoHS compliant)	F
Zinc Nickel plating (RoHS compliant) (not for code DZ)	H
Cadmium with olive drab chromate	D
<b>Endbell</b>	
heat shrink boot adapter, grommet seal	DN
shielded, heat shrink boot adapter, grommet seal	DZ
without endbell, grommet and ferrule	F42*
<b>Endbell for PG cable gland, class PG only</b>	
PG09 thread for connectors with shell size 10	P9
PG11 thread for connectors with shell size 12	P11
PG13,5 thread for connectors with shell size 14	P13,5
PG16 thread for connectors with shell size 16	P16
PG21 thread for connectors with shell size 18, 20, 22	P21
PG29 thread for connectors with shell size 24	P29
<b>Endbell for Metric cable gland, class ME only</b>	
M12 thread for connectors with shell size 10	M12
M16 thread for connectors with shell size 12	M16
M20 thread for connectors with shell size 16	M20
M25 thread for connectors with shell size 18, 20	M25
M32 thread for connectors with shell size 22, 24	M32
<b>Contact</b>	
Connector supplied with solder pot contacts installed	MA
Connector supplied with crimp contacts	MB
PCB solder pin 0,76 x 7mm (style 02 and 07 only)	EX
PCB solder pin 0,6 x 7mm (style 02 and 07 only)	EW

An example using these modifications:  
KPTC6F14-18P-H-MB

\* Note: Modification -F42 can only be used with Styles 0, 1, 6, 7 and 8. See details on pg 13