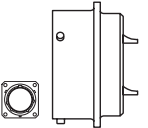


HOW TO ORDER SOLDER CONNECTORS

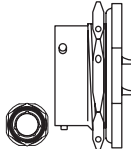
1	2	3	4	5	6
KPT06	F	16-26	P	W	A206
SHELL STYLE (KPTR RoHS)	ENDBELLS	LAYOUT	CONTACT	ROTATION	MODIFIER
(Commercial example)					
1	2	3	4	5	
MS3116	F	16-26	P	W	
SHELL STYLE	ENDBELLS	LAYOUT	CONTACT	ROTATION	
(Military solder example)					

STEP 1: SELECT SHELL STYLE, PLUG OR RECEPTACLE

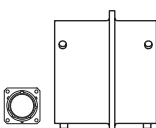
Mates with



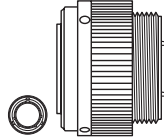
KPT02E*
MS3112E°
Solder Box Mount



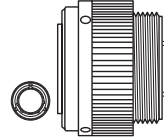
KPT07A*
Solder Jam Nut



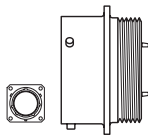
KPTB*
MS3119E°
Thru-Bulkhead



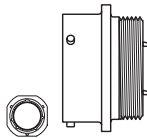
KPT06*
MS3116°
KPT05- = KPT06
less rear accessories
Solder Cable Plug



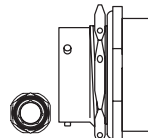
KPT08*
Solder Right Angle
Cable Plug



KPT00*
MS3110°
KPT03- = KPT00
less rear accessories
Solder Wall Mount

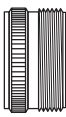


KPT01*
MS3111°
KPT04- = KPT01
less rear accessories
Solder Cable Mount

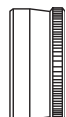


KPT07*
MS3114°
Solder Jam Nut

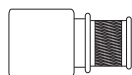
STEP 2: CHOOSE ENDBELL




A*
General Duty
Threaded



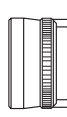
E*°
Environmental
No Clamp (mil)




U*
Potted (preferred)



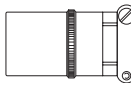
D*
Uses grommets
and ferrules
Low Cost for Shielded
or Unshielded Cable
➔ See pages 326 - 327.




B*
Non-Environmental
with Clamp



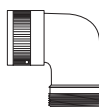
F*°
Military
Environmental with
Clamp (mil)




J*
Environmental with
Clamp and Cable
Jacket Gland Seal
(mil for MS3116 only)




P*°
Environmental
Potting (mil)
➔ See pages 330.
for epoxy potting
compound.



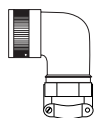
A*
General Duty
Non-Environmental




E*
Environmental
(no clamp)



P*
Environmental Potting
(not available in size 8)



B*
Non-
Environmental
(with clamp)



F*
Environmental
(with clamp)

Part number key: Commercial=(*) Military=(°)

Note: KPTC special crimp contacts in solder inserts, please contact us.

STEP 3: CHOOSE LAYOUT

LAYOUT	KPT	CONTACT SIZES				ROTATIONS			
		RATING	TOTAL	20	16	W	X	Y	Z
8-2	s	I	2	2		58	122	-	-
8-3	s	I	3	3		60	210	-	-
8-3A	s	I	3	3		60	210	-	-
8-4	s	I	4	4		45	-	-	-
8-33	s	I	3	3		90	-	-	-
10-6	s	I	6	6		90	-	-	-
10-98	s	I	6	6		90	180	240	270
12-3	s	II	3		3	-	-	180	-
12-8	s	I	8	8		90	112	203	292
12-10	s	I	10	10		60	155	270	295
14-5	s	II	5		5	40	92	184	273
14-12	s	I	12	8	4	43	90	-	-
14-15	s	I	15	14	1	17	110	155	234
14-18	s	I	18	18		15	90	180	270
14-19	s	I	19	19		30	165	315	-
16-8	s	II	8		8	54	152	180	331
16-23	s	I	23	22	1	158	270	-	-
16-26	s	I	26	26		60	-	275	338
16-99	s	I	23	21	2	66	156	223	340
18-11	s	II	11		11	62	119	241	340
18-30	s	I	30	29	1	180	193	285	350
18-32	s	I	32	32		85	138	222	265
20-16	s	II	16		16	238	318	333	347
20-24	s	I	24	24		70	145	215	290
20-39	s	I	39	37	2	63	144	252	333
20-41	s	I	41	41		45	126	225	-
22-21	s	II	21		21	16	135	175	349
22-32	s	I	32	32		72	145	215	288
22-34	s	I	34	34		62	142	218	298
22-36	s	I	36	36		72	144	216	288
22-41	s	I	41	27	14	39	135	264	-
22-55	s	I	55	55		30	142	226	314
24-61	s	I	61	61		90	180	270	324

Series Legend s= Commercial Solder
 s= Commercial & Military Solder

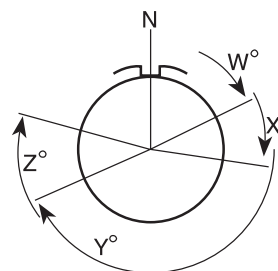
STEP 4: CHOOSE CONTACT

P = Pin **S** = Socket **PS** = KPT B
 (omit for MS3119)

STEP 5: CHOOSE ROTATION

See chart in step 3 (omit for normal)

W, X, Y, Z
 Mating-face view of pin inserts



STEP 6: CHOOSE MODIFIER (COMMERCIAL ONLY)

A71 = Electroless Nickel

A206 = Conductive Black Zinc (RoHS)
 Not needed for KPTR prefix

DN = Shrink Boot Adaptor

DZ = Shrink Boot Adaptor
 for Shielded (Screened) Cable
 (Includes shielding grounding
 finger barrel for plugs)



LAYOUTS BY NUMBER OF CONTACTS

CONTACT LEGEND ○=20 ●=16
Mating-face view of pin inserts

Series Legend s = Commercial Solder S = Commercial & Military Solder
u = Commercial Crimp U = Commercial & Military Crimp

	2	3 CONTACTS				4	5	6 CONTACTS	
LAYOUT	8-2	8-3	8-3A	8-33	12-3	8-4	14-5	10-6	10-98
# OF CONTACTS	2-#20	3-#20	3-#20	3-#20	3-#16	4-#20	5-#16	6-#20	6-#20
SERIES	S	S	SU	S	SU	S	SU	SU	S
SERVICE RATING	I	I	I	I	II	I	II	I	I
	8 CONTACTS		10	11	12	15	1		
LAYOUT	12-8	16-8	12-10	18-11	14-12	14-15	20-16	20-16	
# OF CONTACTS	8-#20	8-#16	10-#20	11-#16	8-#20 4-#16	1-#16;14-#20	16-#16	16-#16	
SERIES	S	SU	SU	SU	SU	SU	SU	SU	
SERVICE RATING	I	I	I	II	I	II	I	I	
	18	19	21	23 CONTACTS		24	26		
LAYOUT	14-18	14-19	22-21	16-23	16-99	20-24	16-26	16-26	
# OF CONTACTS	18-#20	19-#20	21-#16	1-#16; 22-#20	2-#16; 21-#20	24-#20	26-#20	26-#20	
SERIES	S	SU	SU	SU	S	S	SU	SU	
SERVICE RATING	I	I	II	I	I	I	I	I	
	30 CONTACTS		32 CONTACTS		34 CONTACTS		36 CONTACTS		
LAYOUT	18-30	18-32	22-32	22-34	22-36	22-36	36-#20	36-#20	
# OF CONTACTS	1-#16; 29-#20	32-#20	32-#20	34-#20	36-#20	36-#20	36-#20	36-#20	
SERIES	S	SU	S	S	S	S	S	S	
SERVICE RATING	I	I	I	I	I	I	I	I	
	39 CONTACTS		41 CONTACTS		55 CONTACTS		61 CONTACTS		
LAYOUT	20-39	20-41	22-41	22-55	24-61	24-61	61-#20	61-#20	
# OF CONTACTS	2-#16; 37-#20	41-#20	14-#16; 27-#20	55-#20	61-#20	61-#20	61-#20	61-#20	
SERIES	SU	SU	S	SU	SU	SU	SU	SU	
SERVICE RATING	I	I	I	I	I	I	I	I	

Drawings not to scale.