

PTIH (MS3113H)

hermetic solder mounting receptacle



- * PTIH-XX-XXX
- ** PTIY-XX-XXX
- ** MS3113H-XXCXXX
- † PTIH-XX-XXX (100)
- †† PTIY-XX-XXX (100)
- †† MS3113H-XXYXXX

To complete part number see how to order on page 27.

- * Solder cup pin contacts without interfacial seal
- ** Solder cup pin contacts with interfacial seal
- † Flat eyelet pin contacts without interfacial seal
- †† Flat eyelet pin contacts with interfacial seal

Shell Size	Recept. Front View	Receptacle Side View				
	G Dia. Max.	A Dia. +.001 - .005	L +.025 - .016	N Dia. +.001 - .005	W +.011 - .010	Z Max.
6	.511	.348	.447	.438	.094	.386
8	.636	.473	.447	.562	.094	.386
10	.761	.590	.447	.672	.094	.386
12	.855	.750	.447	.781	.094	.386
14	.980	.875	.447	.906	.094	.386
16	1.105	1.000	.447	1.031	.094	.386
18	1.229	1.125	.447	1.156	.094	.386
20	1.323	1.250	.509	1.250	.094	.386
22	1.449	1.375	.509	1.375	.125	.418
24	1.574	1.500	.542	1.500	.125	.418

All dimensions for reference only.

PT02H

hermetic box mounting receptacle



- * PT02H-XX-XXX
- ** PT02Y-XX-XXX
- † PT02H-XX-XXX (100)
- †† PT02Y-XX-XXX (100)

To complete part number see how to order on page 27.

* Solder cup pin contacts without interfacial seal

** Solder cup pin contacts with interfacial seal

† Flat eyelet pin contacts without interfacial seal

†† Flat eyelet pin contacts with interfacial seal

■ (MMC) located within .0025 of (TP)

Shell Size	Receptacle Front View		Receptacle Side View					
	R (TP)	S ±.016	A Dia. +.001 -0.005	K ±.015	L +.025 -0.015	N Dia. +.001 -0.005	U +.011 -0.010	Z Max.
6	.469	.688	.348	.047	.494	.438	.062	.344
8	.594	.812	.473	.047	.494	.562	.062	.344
10	.719	.938	.590	.047	.494	.672	.062	.344
12	.812	1.031	.750	.047	.494	.781	.062	.344
14	.906	1.125	.875	.047	.494	.906	.062	.344
16	.969	1.219	1.000	.047	.494	1.031	.062	.344
18	1.062	1.312	1.125	.047	.494	1.156	.062	.344
20	1.156	1.438	1.250	.047	.556	1.250	.062	.344
22	1.250	1.562	1.375	.079	.556	1.375	.062	.377
24	1.375	1.688	1.500	.079	.588	1.500	.062	.377

All dimensions for reference only.

PT07H (MS3114H)

hermetic jam nut receptacle



- * PT07H-XX-XXX
- ** PT07Y-XX-XXX
- ** MS3114H-XXCXXX
- † PT07H-XX-XXX (100)
- †† PT07Y-XX-XXX (100)
- †† MS3114H-XXYXXX

To complete part number see how to order on page 27.

- * Solder cup pin contacts without interfacial seal
- ** Solder cup pin contacts with interfacial seal
- † Flat eyelet pin contacts without interfacial seal
- †† Flat eyelet pin contacts with interfacial seal

Shell Size	Receptacle Front View		Receptacle Side View						
	S +.016	H Hex +.017 -.016	A +.001 -.005	K +.043 -.016	M +.031 -.000	P Panel Thickness		R Thread Class 2A	Z Max.
						Max.	Min.		
6	.812	.625	.348	.094	.696	.125	.062	.4375-28 UNEF	.206
8	.938	.750	.473	.094	.696	.125	.062	.5625-24 NEF	.206
10	1.062	.875	.590	.094	.696	.125	.062	.6875-24 NEF	.206
12	1.250	1.062	.750	.094	.696	.125	.062	.8750-20 UNEF	.206
14	1.375	1.188	.875	.094	.696	.125	.062	1.0000-20 UNEF	.206
16	1.500	1.312	1.000	.094	.696	.125	.062	1.1250-18 NEF	.206
18	1.625	1.438	1.125	.094	.696	.125	.062	1.2500-18 NEF	.206
20	1.812	1.562	1.250	.125	.884	.250	.062	1.3750-18 NEF	.081
22	1.938	1.688	1.375	.125	.884	.250	.062	1.5000-18 NEF	.081
24	2.062	1.812	1.500	.125	.917	.250	.062	1.6250-18 NEF	.048

All dimensions for reference only.

PCIH

hermetic solder mounting receptacle



* PCIH-XX-XXX
 ** PCIY-XX-XXX

To complete part number see how to order on page 61.

* Solder cup pin contacts without interfacial seal.

** Solder cup pin contacts with interfacial seal

Shell Size	Receptacle Front View	Receptacle Side View				
	S Dia. Max.	A Thread Class 2A	L +.025 / -.016	N Dia. +.000 / -.005	W +.011 / -.010	Z Max.
6	.511	.3750 DS	.422	.438	.094	.387
8	.636	.5000 DS	.422	.562	.094	.387
10	.761	.6250 DS	.422	.672	.094	.387
12	.855	.7500 DS	.422	.781	.094	.387
14	.980	.8750 DS	.422	.906	.094	.387
16	1.105	1.0000 DS	.422	1.031	.094	.387
18	1.229	1.1250 DS	.422	1.156	.094	.387
20	1.323	1.2500 DS	.422	1.250	.094	.387
22	1.439	1.3750 DS	.422	1.375	.125	.418

All dimensions for reference only.

PC02H

hermetic box mounting receptacle



* PC02H-XX-XXX
 ** PC02Y-XX-XXX

To complete part number see how to order on page 61.
 * Solder cup pin contacts without interfacial seal.
 ** Solder cup pin contacts with interfacial seal

Shell Size	Receptacle Front View		Receptacle Side View					
	R ±.005	S ±.010	A Thread Class 2A	K ±.016	L +.010 -.000	N Dia. +.000 -.005	T ±.010	Z Max.
6	.469	.688	.3750 DS	.047	.469	.438	.062	.344
8	.594	.812	.5000 DS	.047	.469	.562	.062	.344
10	.719	.938	.6250 DS	.047	.469	.672	.062	.344
12	.812	1.031	.7500 DS	.047	.469	.781	.062	.344
14	.906	1.125	.8750 DS	.047	.469	.906	.062	.344
16	.969	1.219	1.0000 DS	.047	.469	1.031	.062	.344
18	1.062	1.312	1.1250 DS	.047	.469	1.156	.062	.344
20	1.156	1.438	1.2500 DS	.047	.469	1.250	.062	.344
22	1.250	1.562	1.3750 DS	.078	.469	1.375	.062	.377

All dimensions for reference only.

PC07H

hermetic jam nut receptacle



* PC07H-XX-XXX
 ** PC07Y-XX-XXX

To complete part number see how to order on page 61.

* Solder cup pin contacts without interfacial seal.

** Solder cup pin contacts with interfacial seal

Shell Size	Receptacle Front View			Receptacle Side View						
	F	H	S	A	K	M	Panel Thickness		R	Z
	+ .010	Hex. ±.016	+ .010	Thread Class 2A	+ .000 - .016	±.020	Min	Max.	Thread Class 2A	+ .010
6	.286	.625	.812	.3750 DS	.094	.671	.062	.125	.4375-28 UNEF	.129
8	.331	.750	.938	.5000 DS	.094	.671	.062	.125	.5625-24 NEF	.129
10	.375	.875	1.062	.6250 DS	.094	.671	.062	.125	.6875-24 NEF	.129
12	.442	1.062	1.250	.7500 DS	.094	.671	.062	.125	.8750-20 UNEF	.129
14	.486	1.188	1.375	.8750 DS	.094	.671	.062	.125	1.0000-20 UNEF	.129
16	.530	1.312	1.500	1.0000 DS	.094	.671	.062	.125	1.1250-18 NEF	.129
18	.573	1.438	1.625	1.1250 DS	.094	.671	.062	.125	1.2500-18 NEF	.129
20	.641	1.562	1.812	1.2500 DS	.125	.797	.062	.250	1.3750-18 NEF	.034
22	.685	1.688	1.938	1.3750 DS	.125	.797	.062	.250	1.5000-18 NEF	.034

All dimensions for reference only.