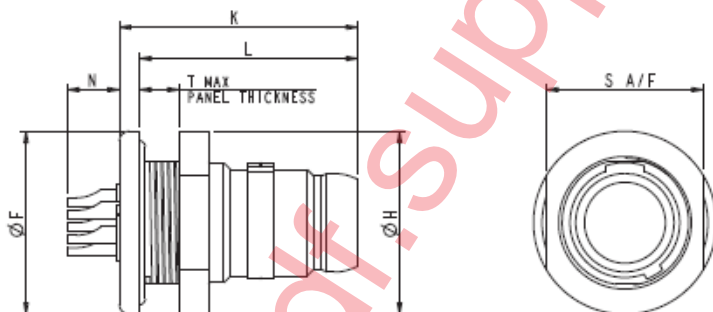


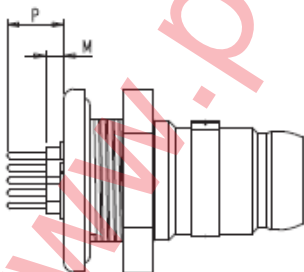
Plug

SCE2-X-76AXX-XXSX-XXX

- Rear Mount Jam Nut Plug



SOLDER BUCKET TYPE [-002]



PC TAIL TYPE [-001]

Shell Size	ØF	ØH	K	L	M	N	P	S A/F	T Max
Size 06	.550 (13.97)	.550 (13.97)	.716 (18.19)	.655 (16.64)	.055 (1.40)	.155 (3.94)	.170 (4.32)	.470 (11.94)	.118 (3.00)
Size 07	.620 (15.75)	.600 (15.24)	.716 (18.19)	.655 (16.64)	.055 (1.40)	.155 (3.94)	.170 (4.32)	.510 (12.95)	.118 (3.00)
Size 08	.760 (19.30)	.760 (19.30)	.716 (18.19)	.655 (16.64)	.055 (1.40)	.155 (3.94)	.170 (4.32)	.706 (17.93)	.118 (3.00)
Size 09	.890 (22.61)	.830 (21.08)	.802 (20.37)	.725 (18.42)	N/A	.085 (2.16)	.100 (2.54)	.745 (18.92)	.118 (3.00)
Size 10	.930 (20.62)	.900 (22.86)	.802 (20.37)	.725 (18.42)	N/A	.085 (2.16)	.100 (2.54)	.808 (20.52)	.125 (3.18)

All dimensions are in inches (mm shown in brackets) and are for reference only. Figure enlarged scale.

Terrapin terminology



Terrapin mating options

Chassis Mount Plug SCE2-B-76A

The same chassis mount plug will mate with both push-pull and latch receptacles



Push-pull Inline Receptacle SCE2-B-01K



Latch Inline Receptacle SCE2-B-L1K



Terrapin part numbering

Example: **SCE2-B-76A06-07SN-002** | (985) for optional grounding spring in L1K and L1T | (981) castellated panel nut

SCE2-	B-	XXX	XX-	XX	-X	X-	XXX
Series identifier	Plating finish B = Black Silver (RoHS)	Style Plugs 76A 67A 06K 06T 76T Receptacles 01K L1K 01T L1T 07A 71A	Shell size and	number of contacts 06-07 07-10A 07-12 07-14 08-19 09-26 10-37 (See page 7)	Contact style P = Pins S = Sockets	Key orientation N = Normal A B C D (See diagrams below)	Variant code 001 PC Tails 002 Solder Buckets 003 Backshell

Terrapin plug and receptacle keyway orientation

Keyway orientation letter	PLUG keyway orientation	RECEPTACLE keyway orientation	Keyway orientation letter	PLUG keyway orientation	RECEPTACLE keyway orientation
N			C		
A			D		
B					

Terrapin performance information

Test/parameter	Description
Electrical	
Current Rating	23 AWG contacts: 3A d.c. 20 AWG contacts: 7.5A d.c.
Shell to Shell Continuity	10mΩ max (screened) 200mΩ max (unscreened)
Contact Resistance	Size 20 and 23 contacts: 5mΩ initial 10mΩ maximum
Insulation Resistance	5000MΩ minimum
Working Voltage	AC (RMS) 400V
Dielectric Withstanding Voltage	2mA maximum leakage
Technical	
Mating Durability	2000+ cycles
Backshell Overtorque	25 lb.f.in.
Panel Nut Overtorque	30 lb.f.in.
Non-magnetic	Yes
Environmental	
Operating Temperature Range	-55°C to +125°C
Temperature Endurance	250 hours +125°C
Sealing (mated and unmated)	IP68, 1 hour at 2 metres*
Air Leakage	Less than 1cc per hour
Salt Spray	1000 hours
Altitude Immersion	70,000 Feet
RoHS Compliant	Yes
Suitable for RoHS compliant Soldering	Yes

*Contact the factory if greater depth/duration of sealing is required

Terrapin insert availability View shown for reference / View from rear of plug*

Shell size				
06	07	08	09	10
06-07	07-10A	08-19	09-26	10-37

○ 23AWG contacts
● 20AWG contacts

*View from rear of receptacle is mirror image of above.