

SYNERGY TELECOM PVT. LTD

MS 3100E-14S-7P (3 Pin Plug connector)



General Specification

Shell Housing	Aluminium Alloy
Plating	Olive Drab Cadmium
Insulator	Polychloroprene
Contact Material	Copper Base Alloy-Silver Plated
Mating Cycle	500
Operating Temperature	-55°C/+ 125°C
Insulation Resistance	Min.5000 Meg Ohms at 500 VDC
Current Rating	Upto 150 Amps. (Depends on Contact Arrangement)
Working Voltage	200 to 3000 VAC rms (Depends on Contact Arrangement)
Wire Termination	solder Type

Technical Data

Service Rating	INST	A	D	E	B	C
Test Voltage At sea Level VAC (rms)	1000	2000	2800	3500	4500	7000
Rated Working Voltage-DC At Sea level AC (rms)	250	700	1250	1750	2450	4200
	200	500	900	1250	1750	3000
Effective Creepage-Inch (nominal)-mm	1/16	1/8	3/16	¼	5/16	1
	1.57	3.18	4.75	6.35	7.92	25.40
Mechanical Specing-Inch (nominal)-mm	-	1/16	1/8	3/16	¼	5/16
	-	1.57	3.18	4.75	6.35	7.92

Contact Size	Wire Size Dia(mm)	Od Of Insulated Wire		Maximum Test Current Amps	Rated Current Amps
		Max.(mm)	Min(mm)		
16	0.8	3.30	1.63	22	13
	1.00				
	1.25				
12	1.60	4.32	2.90	41	23
	2.00				
8	2.50	6.48	4.17	73	46
	3.15				
4	4.00	9.40	6.90	135	80
	5.00				
0	6.30	13.98	10.55	245	150
	8.00				