

DuraSeal Heat Shrinkable Crimp Splices



Model: DHSCS

Description

DuraSeal Heat Shrinkable Crimp Splices, Heat Shrinkable Butt Splice Connectors (DHSCS) is made of polyolefin, with adhesive lining for protecting splices from water, condensation, salt, and corrosion. Providing strain relief and against vibration in rugged environments, which completely insulates and protects electrical connections. It offer long-term performance, easy installation, and a low installed cost, which is more reliable than conventional splices.

Features

Automotive/truck wiring repair and fleet maintenance

Automotive/truck/RV wire harness fabrication

Commercial wiring for pumps, pools and spas

Fleet maintenance & Marine electronics

Test Item		Characteristics	Test condition
Un-aged	Tensile strength	Min. 1.40 kgf/	Room temp.
	Elongation	Min. 200%	
Aged	Tensile strength	Min. 0.99 kgf/	158°C/7 days
	Elongation	Min. 100%	
Voltage withstand and breakdown Voltage(Un-aged)		Withstand 2.5 KV for 1minute and breakdown	Room temp.
Voltage withstand and breakdown Voltage(Aged)		Withstand 2.5 KV for 1minute and breakdown at least half of un-aged breakdown voltage	158°C/7 days
Copper corrosion		No corrosion of bare copper	158°C/7 days



Copper stability	No sign of degradation Min.Elongation 100%	158°C/7 days
Cold bend	No crack	-30°C/1 hrs
Maximum secant modulus(2%)	17.65 kgf/	-
Volume resistivity	Min.1014 Ω -cm	-
Heat shock	No crack	250°C/4 hrs

Specification

Part. No	Wire Range		Dimension-(mm)			Insulator	color	package	Approval
	A.W.G.	mm ²	OD	ID	L			Pcs/bag	
DHSCS -1	22-18	0.5-1.0	4.8	1.7	35.0	PE	Red	1000	RoHS
DHSCS -2	16-14	1.5-2.5	5.8	2.4	35.0	PE	Blue	1000	RoHS
DHSCS -3	12-10	4.0-6.0	6.8	3.6	42.0	PE	Yellow	800	RoHS