MIBOstahl ®

tools, trading and service GmbH

MIBO-CRIMPSEAL

HIGH PERFORMANCE, HALOGEN-FREE, COMPLETELY WATERPROOF HEAT SHRINK CRIMP SPLICE

APPLICATION

Sealed single piece for butt splice applications. Wire splices in critical areas where mechanical stress and corrosion could be a problem.

OPERATING TEMPERATURE RANGE

- 40°C to +105°C

SHRINK TEMPERATURE

+ 150° C

SPECIAL SIZE

On request

SPECIAL VERSIONS

On request: e.g. furcated- and ring cable lugs or flat plugs

STANDARD SIZES

Description	Wire gauge		Color
	mm²	AWG	
90713001	0,5–1,5	18–16	red
90713002	1,5–2,5	14	blue
90713003	4,0–6,0	10	yellow

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PACKAGING

Packed in plastic bags with 100 pieces. Special sizes on request.

Attributes	Test Methods	Requirement /Typical Value
Physical		
Tensile Strength	ASTM D 638	Min. 10,4 MPa / pass
Ultimate Elongation	ASTM D 638	Min. 200% / pass
Thermal		
Operating Temperature	Life-Curve	-40°C to +105°C
Heat Resistance (175°C x 168h)	SAE-AMS-DTL-23053	No crack, flowing or dripping / pass
Heat Shock (200°C x 4h)	SAE-AMS-DTL-23053	No crack, flowing or dripping / pass
Copper Corrosion (121°C x 16h)	SAE-AMS-DTL-23053	No Corrosion / pass
Electrical		
Voltage rating		600V
Dielectric Withstand (2.5kV x 60s)	UL224	Pass / pass
Dielectric Strength	SAE-AMS-DTL-23053	Min. 19,7 kV/mm / pass
Volume Resistivity	ASTM D 876	Min. 10^{14} Ω cm / pass
Chemical		
Water Absorption	ASTM D 570	≤ 0,5 % /pass

PROCESSING INSTRUCTIONS

Processing of the solder termination sleeves should be carried out with hot air equipment. To ensure proper heating we recommend reflectors. The soldering connector is positioned above the point to be soldered and heated by hot air.
As a result, the insulation shrinks onto the conductor diameter and the solder tin flows. Please do not hesitate contacting us for further information.

HOW TO REACH US

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