


Date:- 11th March, 2014

Data Sheet Issue:- 1

Semiconductor Mounting Grease Type XSGSCX13

XSGSCX13 contains high grade Zinc and is formulated with 50% zinc to create a compound that enhances electrical and thermal conductivity when used on high power crimp connections and stud bolt mountings.

When the connection is tightened, the grease is displaced, leaving a layer of Zinc to fill the surface imperfections of the interface. This has the effect of improving thermal and electrical conductivity. This reduces the connection temperature under high power conditions by a reduced voltage drop and by providing a heat conductivity path to the connection's substrate.

XSGSCX13 is manufactured with a unique grease, compounded from custom refined low sulphur oil. The grease base ensures brushability over a wide temperature range, tenacious adherence to all surfaces, resistance to water wash out and the prevention of rust/corrosion. This makes the product easier and more reliable to use.

Product characteristics

		UNITS
Thickener	Bentone	-
Fluid type	Petroleum	-
Colour/appearance	Smooth grey paste	-
Dropping point (ASTM D-566)	None	-
Specific gravity	1.78	-
Oil separation (wt. % loss @ 100°C)	<5.0	%
Flash point (ASTM D92)	>221	°C
NLGI grade	1-2	-
Penetration @ 25°C (ASTM D-217)	275-305	-
Copper strip corrosion (ASTM D4048)	1A	-
Pack size (tub)	1.0	Kg

ORDERING INFORMATION

(Please quote 8 digit code as below)

XSGSCX13

IXYS Semiconductor GmbH
Edisonstraße 15
D-68623 Lampertheim
Tel: +49 6206 503-0
Fax: +49 6206 503-627
E-mail: marcom@ixys.de



IXYS UK Westcode Ltd
Langley Park Way, Langley Park, Chippenham,
Wiltshire, SN15 1GE.
Tel: +44 (0)1249 444524
Fax: +44 (0)1249 659448
E-mail: sales@ixysuk.com

IXYS Corporation
1590 Buckeye Drive
Milpitas CA 95035-7418
Tel: +1 (408) 457 9000
Fax: +1 (408) 496 0670
E-mail: sales@ixys.net

www.ixysuk.com
www.ixys.com

IXYS Long Beach
IXYS Long Beach, Inc
2500 Mira Mar Ave, Long Beach
CA 90815
Tel: +1 (562) 296 6584
Fax: +1 (562) 296 6585
E-mail: service@ixyslongbeach.com

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