Heat Sinks
THERMAL MANAGEMENT FOR SSR's

CRYDOM
Control over power

A major consideration in the use of Solid-State Relays is the thermal design. It is essential that the user provide adequate heat sinking for the application.

Crydom heat sinks are designed for excellent thermal management when used with Crydom's Series 1 type package of SSR's and Controllers.

Correct installation is important to assure heat is dissipated correctly. The Crydom SSR should be firmly (20 in-lbs.) mounted on a clean, smooth heat sink surface using thermally conductive grease.

HS-1, HS-2 HEAT SINK CHARACTERISTICS

HS-1

HS-2

END VIEW
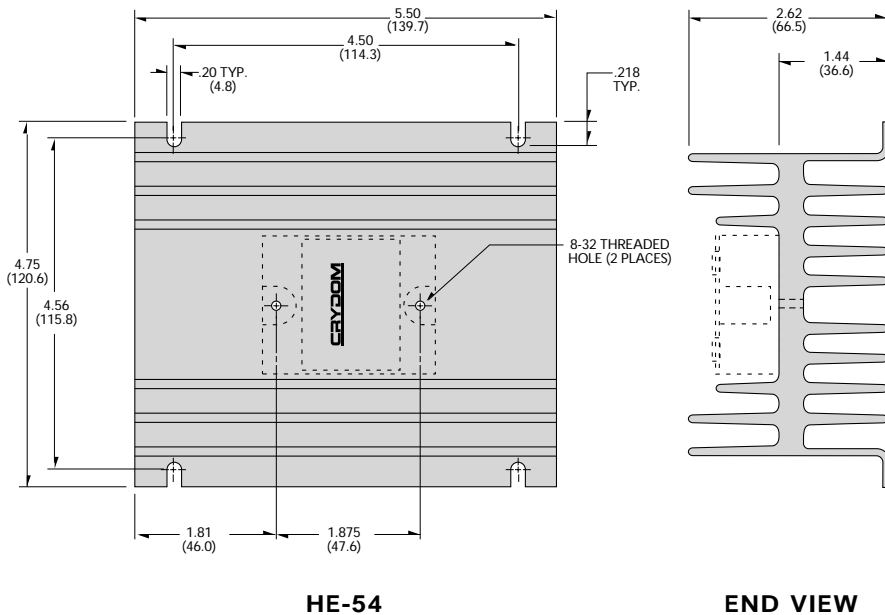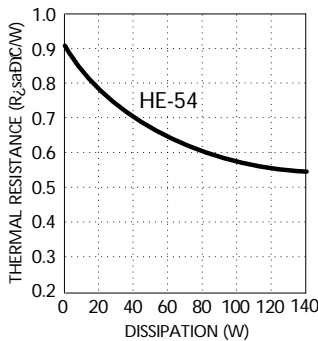HS-1, HS-2
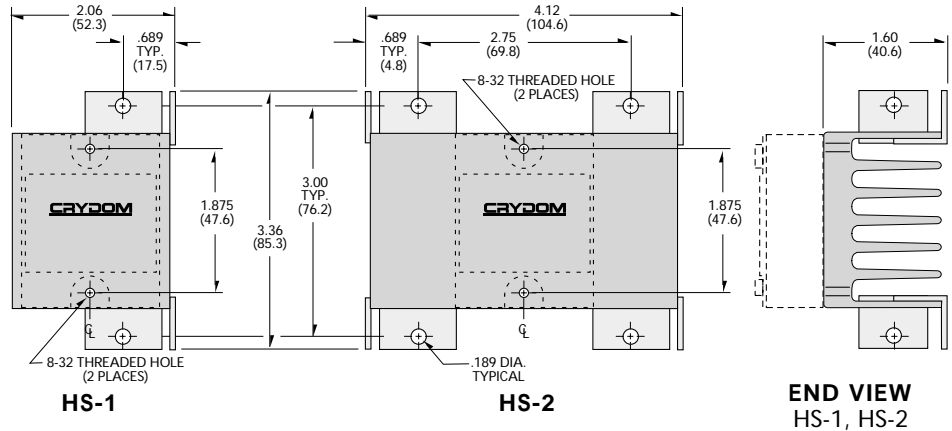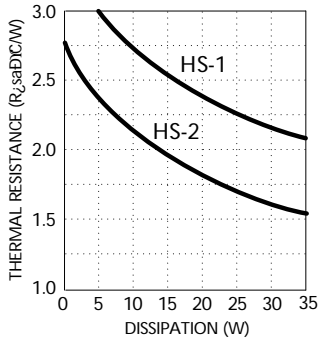
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COMPATIBLE CRYDOM PRODUCTS:

Series 1	Series CS
Series CT	Series HA
Duals	Series HD
Quad	Series 1-DC
Series DC60	Series CPV
Series SST	Series DSD,DLD
Series DLD	Series RPC
Series PCV	Series 53TP*

*Requires HE-90 (see pg 2)

HE-54 HEAT SINK CHARACTERISTICS

HE-54

END VIEW

For recommended applications and more information contact:
USA: Sales Support (877) 502-5500 **Tech Support** (877) 702-7700 **FAX** (619) 710-8540
Crydom Corp, 2320 Paseo de las Americas, Ste. 201, San Diego, CA 92154
Email: sales@crydom.com **WEB SITE:** http://www.crydom.com
UK: +44 (0)1202 365070 • **FAX** +44 (0)1202 365090 Crydom International Ltd., 7 Cobham Road, Ferndown Industrial Estate, Ferndown, Dorset BH21 7PE, **Email**: intsales@crydom.com.
GERMANY: +49 (0)180 3000 506

ISO 9001 CERTIFIED

Heat Sinks
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MECHANICAL SPECIFICATIONS

Model Number	HS-1	HS-2	HE-54	HE-90
Weight: (typical) [ounces]	3.0	5.0	10.0	24.0
Material	Aluminum			
Finish	Chromate Coating Ð Gold			
Mounting Holes	8-32 threaded			

HE-90
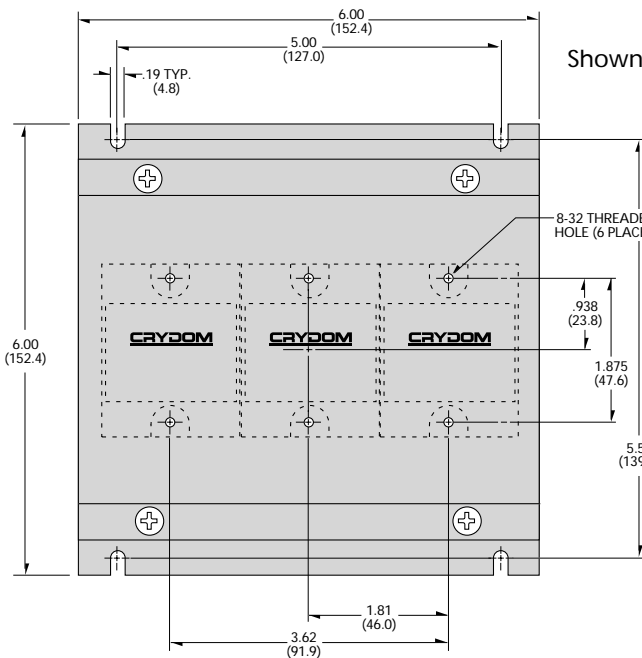Shown with Series 53TP Mounted

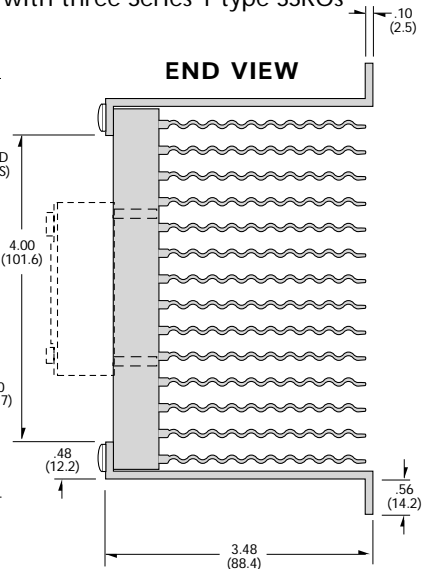### HE-90 HEAT SINK CHARACTERISTICS

Series 53TP
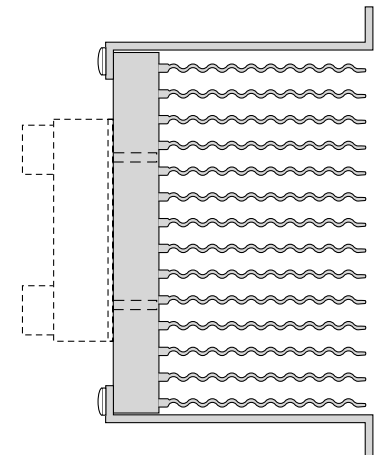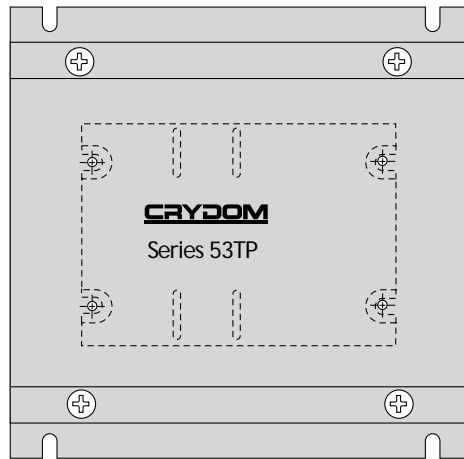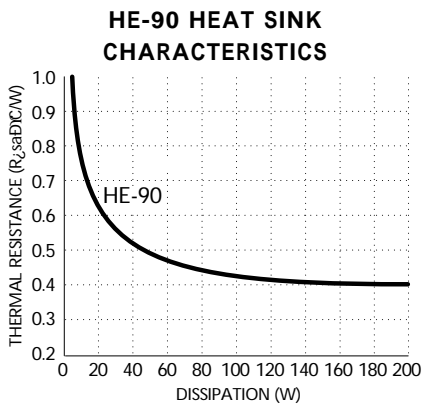
END VIEW

The HE-90 heat sink offers excellent thermal management for up to three Series 1 type package SSRÕs or a single three phase SSR (Model 53TP). All mounting holes are predrilled & tapped and are user configurable depending on the specific application.

HE-90
Shown with three Series 1 type SSRÕs

END VIEW

6.00 (152.4)
5.00 (127.0)
.19 TYP. (4.8)
.10 (2.5)
8-32 THREADED HOLE (6 PLACES)
.938 (23.8)
4.00 (101.6)
1.875 (47.6)
6.00 (152.4)
5.50 (139.7)
.48 (12.2)
.56 (14.2)
1.81 (46.0)
3.62 (91.9)
3.48 (88.4)

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