HIGH VOLTAGE POWER SYSTEMS, INC.

MOV Modules

CS800-Series

20mm MOV Assemblies

MAXIMUM RATINGS						ELECTRICAL CHARACTERISTICS				
P/N	MOVS PER ASSY	CONTINU-UOUS AC LINE VOLTAGE	TRANSIENT ENERGY (10 x 1000µs)	TRANSIENT PEAK CURRENT (8 x 20 µs)	TRANSIENT MAXIMUM POWER DISSIPATION RATING (Pm)	VARISTOR VOLTAGE (@ 1 mA DC) MIN	VARISTOR VOLTAGE (@ 1 mA DC) MAX	MAXIMUM CLAMPING VOLTAGE @ TEST CURRENT (8 x 20 µs) VOLTS	MAXIMUM CLAMPING VOLTAGE @ TEST CURRENT (8 x 20 µs) AMP	TYPICAL CAPACI-TANCE (@ 1 kHz)
		VOLTS	JOULES	AMP	Pm – WATTS	VOLTS	VOLTS	VOLTS	AMP	pF
CS811	1	120	65	6500	1.0	170	207	320	100	2500
CS821	1	240	130	6500	1.0	354	432	650	100	920
CS831	3	240	130	6500	1.0	354	432	650	100	920
CS841	3	480	180	6500	1.0	679	829	1240	100	800
CS851	3	575	220	6500	1.0	621	1002	1500	100	670
CS861	4	240	130	6500	2.0	340	414	640	100	1250
CS871	4	480	260	6500	2.0	708	864	1300	100	460
CS881	4	575	300	6500	2.0	850	1036	1580	100	365

Note: Values shown above represent typical line-to-line or line-to-ground characteristics based on the ratings of the original MOVs. Values may differ slightly depending upon actual Manufacturer Specifications of MOVs installed in modules. Modules are manufactured utilizing UL-Listed and Recognized Components. Consult factory for CSA information.

MOV MODULES

PART NUMBER GUIDE

CS8 X X X X

HVPSI MOV MODULE

SUPPLY VOLTAGE

1 – 1Ø, 1 MOV, 120V
2 – 1Ø, 1 MOV, 240V
3 – 3Ø, 3 MOV, 240V
4 – 3Ø, 3 MOV, 480V
5 – 3Ø, 3 MOV, 575V
6 – 3Ø, 4 MOV, 240V
7 – 3Ø, 4 MOV, 480V
8 – 3Ø, 4 MOV, 575V

MOV DIA.

1 – 20mm
2 – 14mm
3 – 10mm
4 – 7mm

TERMINATION

1 – 12" WIRE LEAD
2 – THREADED POST
3 – 1/4" MALE QUICK DISC.
4 – SCREW TERMINAL

CASE

A – SINGLE FOOT
B – DOUBLE FOOT
C – CENTER MOUNT
D – DEEP CASE
E – SMALL DOUBLE FOOT

Rev 1, May 2002

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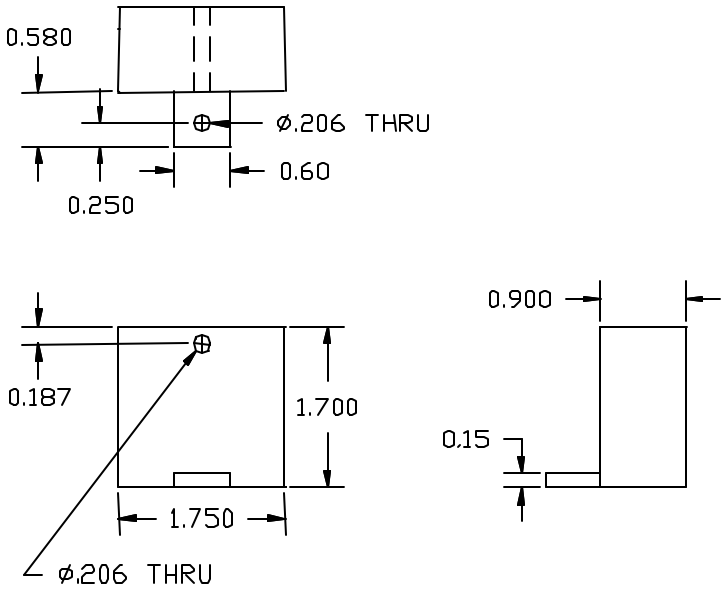
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MOV Modules

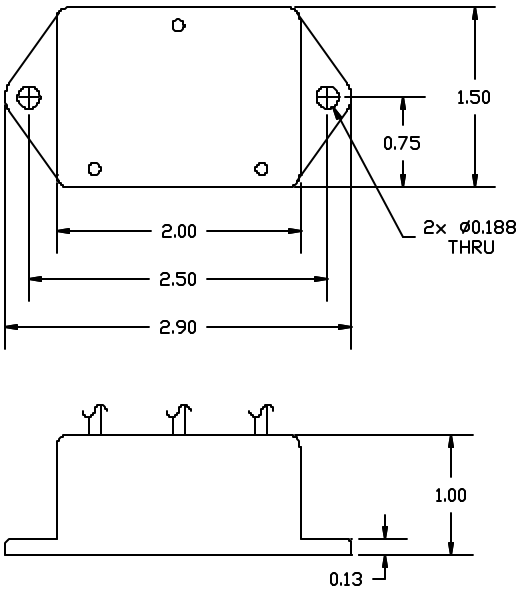
CS800-Series

MECHANICAL DIMENSIONS

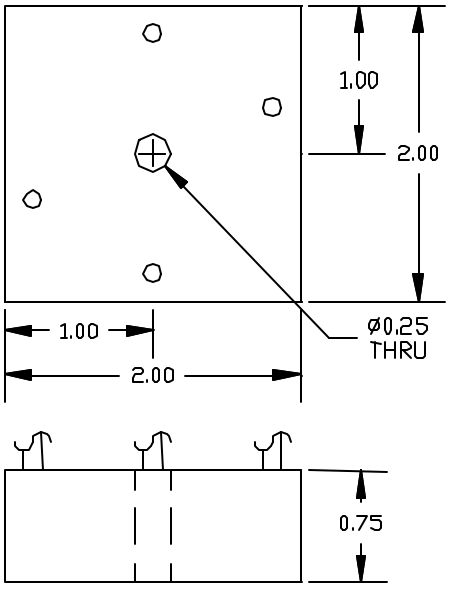
A Package



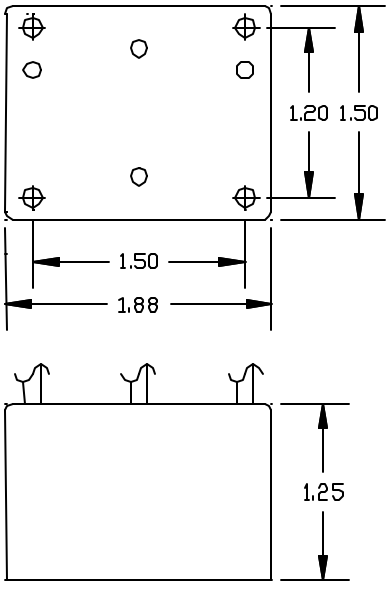
B Package



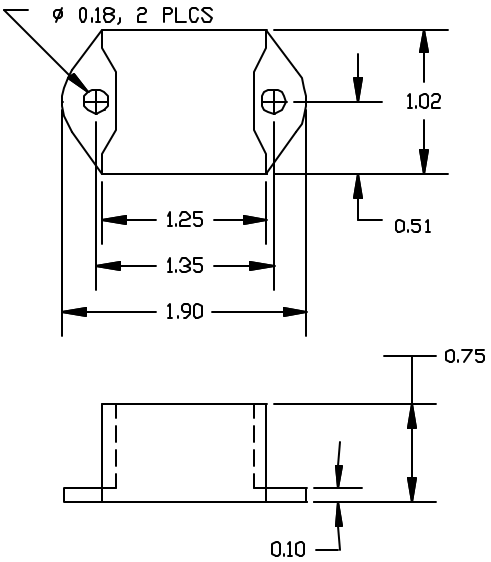
C Package



D Package



E Package



Dimensions in Inches.
Standard line wires are 12” 18 AWG white wires.
Standard ground wire is 12” 18 AWG green wire.