ANDON
INTERCONNECTION SPECIALISTS

RoHS Compliant
ISO 9001
Certified

POWER CONVERTER SOCKETS FOR ENARGY POWER

Largest Line of High Reliability Power Converter Sockets with Hi-Rel Contacts

www.andonelect.com **or** www.andonelectronics.com

ENARGY POWER						
Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
EQ6-27T5-EM	C15-2010-08-01-XXX-R27-L14	295V	439V	.030	2	1
FM500-220S30	CSP4200-15-01-XXX-R27-L14	507EP72	508EP72	.040/.080	10	3
JS200-24S10-POC	CSP2500-08-02-XXX-R27-L14	502EP55	503EP55	.040/.060	5	2
MD25	CSP2440-04-01-XXX-R27-L14	433E	285E	.040	7	2
MT13-12S	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT-13-12S	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT-13-12S12-PEM	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT-13-12S7V5-PEM	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT13-24S	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT-13-24S	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT13-24S5-PEM	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT13-24S5-POC	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT-13-28S	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT13-48S	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT15-24S	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
MT5-24DB12-POC	C10-9508-07-01-XXX-R27-L14	433E	285E	.040	11	4
SC250-22-S310	CSP1900-04-01-XXX-R27-L14	507EP72	508EP72	.040/.080	6	2
SC300-220S400	CSP2500-09-02-XXX-R27-L14	502EP55	503EP55	.040/.060	8	2
WZ100-28S	CSP2000-08-01-XXX-R27-L14	502EP55	503EP55	.040/.060	4	2
WZ150-24S	CSP2000-08-01-XXX-R27-L14	502EP55	503EP55	.040/.060	4	2
WZ150-28S	CSP2000-10-03-XXX-R27-L14	502EP55	503EP55	.040/.060	3	2
XD30-12S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XD30-12S12-POCW	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XD30-24DB13-PEC	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XD30-24S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XD50-24DB15-POC	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XD50-28S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XD50-28S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XD50-48S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XE30-28S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XE50-28S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XE50-28S15-POC	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XE50-48S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XX40-24S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
XX60-24S	C10-1814-06-01-XXX-R27-L14	433E	285E	.040	1	1
YN300-28S-12-PEMB	CSP2000-08-01-XXX-R27-L14	502EP55	503EP55	.040/.060	4	2
YN75-48S12-PEI	CSP2000-10-03-XXX-R27-L14	502EP55	503EP55	.040/.060	3	2
ZG800-320S	CSP4000-22-01-XXX-R27-L14	507EP72	508EP72	.040/.080	9	3

See last page for other mounting types including low profile options.
Heat sink socket available to reduce heat and noise. Contact Andon for details.

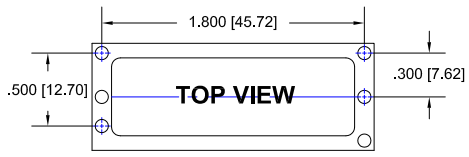

FIG. 1

Thru-Hole: C10-1814-06-01-433E-R27-L14
Surface Mount: C10-1814-06-01-285E-R27-L14

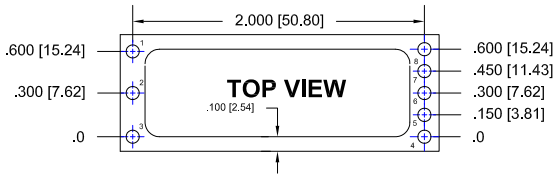

FIG. 2

Thru-Hole: C15-2010-08-01-295V-R27-L14
Surface Mount: C15-2010-08-01-439V-R27-L14

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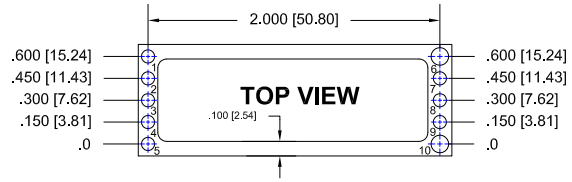
ENERGY POWER *Continued*

Top View Shown

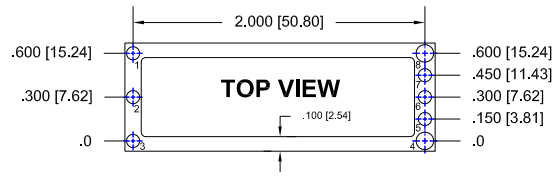
Units: in [mm]



Pins 1-5, 7-9 are Ø.040 [Ø1.02]
Pins 6 and 10 are Ø.062 [Ø1.57]

FIG. 3

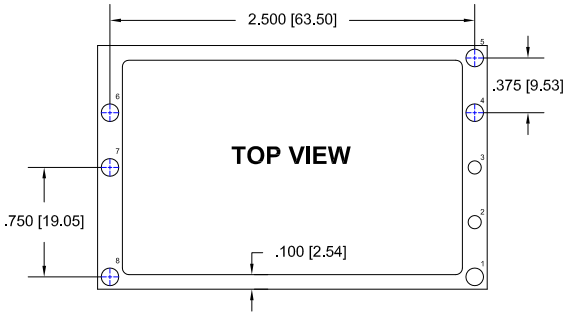
Thru-Hole: CSP2000-10-03-502EP55-R27-L14
Surface Mount: CSP2000-10-03-503EP55-R27-L14



Pins 1-3, 5-7 are Ø.040 [Ø1.02]
Pins 4 and 8 are Ø.062 [Ø1.57]

FIG. 4

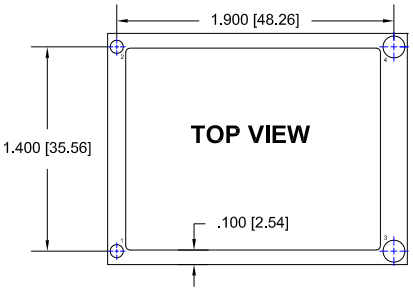
Thru-Hole: CSP2000-08-01-502EP55-R27-L14
Surface Mount: CSP2000-08-01-503EP55-R27-L14



Pin 3 is Ø.040 [Ø1.02]
All other pins are Ø.060 [Ø1.52]

FIG. 5

Thru-Hole: CSP2500-08-02-502EP55-R27-L14
Surface Mount: CSP2500-08-02-503EP55-R27-L14



Pins 1-2 are Ø.040 [Ø1.02]
Pins 3-4 are Ø.080 [Ø2.03]

FIG. 6

Thru-Hole: CSP1900-04-01-507EP72-R27-L14
Surface Mount: CSP1900-04-01-508EP72-R27-L14

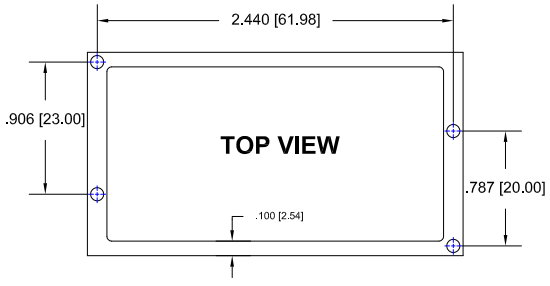
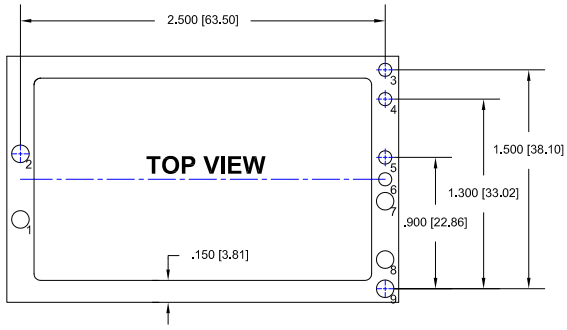


FIG. 7

Thru-Hole: CSP2440-04-01-433E-R27-L14
Surface Mount: CSP2440-04-01-285E-R27-L14



Pins 1, 2, 7, 8, and 9 are Ø.060 [Ø1.52]
All other pins are Ø.040 [Ø1.02]

FIG. 8

Thru-Hole: CSP2500-09-02-502EP55-R27-L14
Surface Mount: CSP2500-09-02-503EP55-R27-L14

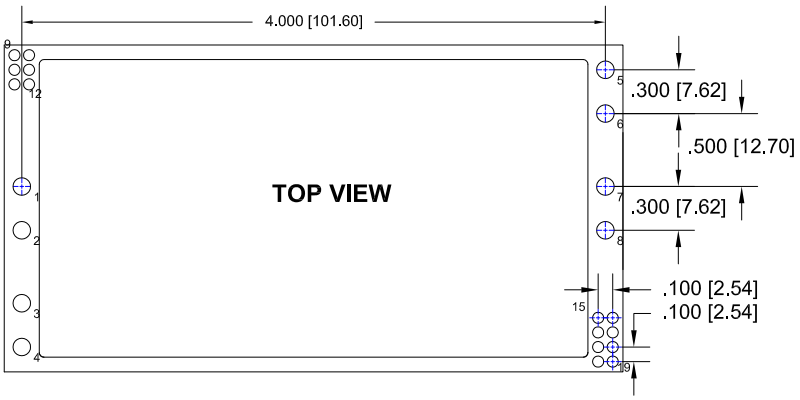
RoHS Compliant

*Sockets are not drawn to scale **ENARGY POWER** 9/21/2016

ENARGY POWER *Continued*

Top View Shown

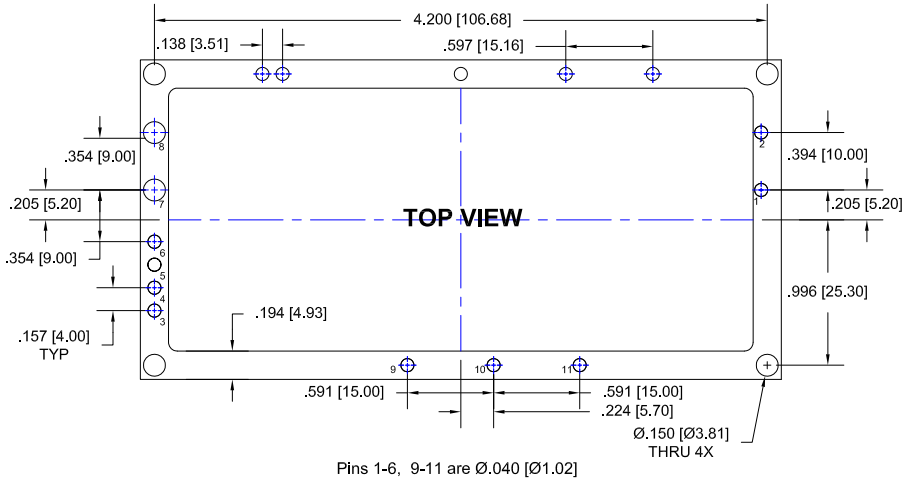
Units: in [mm]



Pins 9-22 are Ø.040 [Ø1.02]
Pins 1-8 are Ø.080 [Ø2.03]

FIG. 9

Thru-Hole: CSP4000-22-01-507EP72-R27-L14
Surface Mount: CSP4000-22-01-508EP72-R27-L14



Pins 1-6, 9-11 are Ø.040 [Ø1.02]
Pins 7 and 8 are Ø.080 [Ø2.03]

FIG. 10

Thru-Hole: CSP4200-15-01-507EP72-R27-L14
Surface Mount: CSP4200-15-01-508EP72-R27-L14

ENARGY POWER *Continued*

Top View Shown

Units: in [mm]

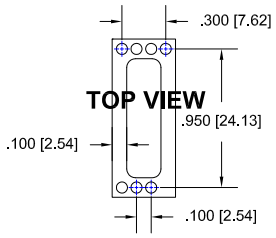


FIG. 11

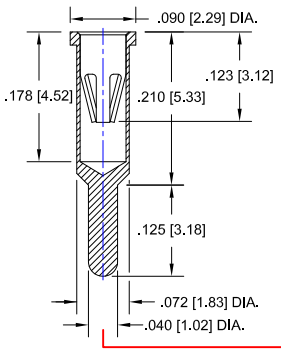
Thru-Hole: C10-9508-07-01-433E-R27-L14
Surface Mount: C10-9508-07-01-285E-R27-L14

ENERGY POWER *Continued*

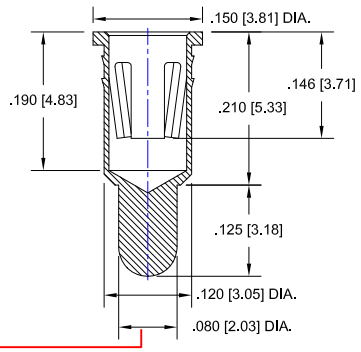
Socket Terminal Details

Cross Section View Shown
Units: in [mm]

-433E

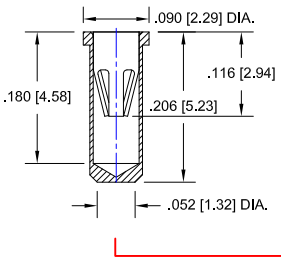


-505P72

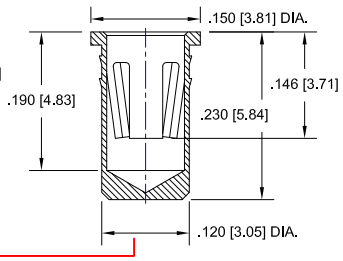


-507EP72

-285E

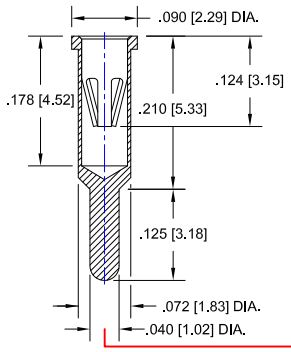


-506P72

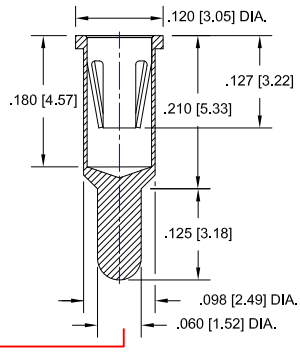


-508EP72

-433E

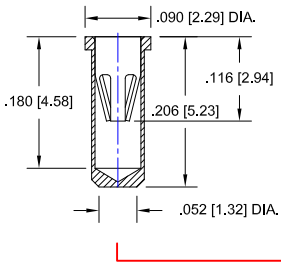


-436P55

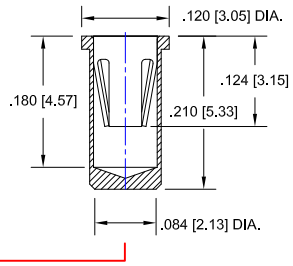


-502EP55

-285E



-440P55

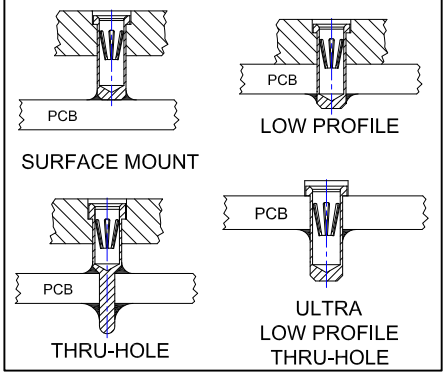


-503EP55

Material:
Insulator: Hi-Temp UL 94V-O
Terminal: Brass, per ASTM-B16
Contact: BeCu, Per ASTM-B194

Plating: RoHS COMPLIANT
R27 TERMINAL: GOLD / CONTACT: GOLD
R29 TERMINAL: TIN / CONTACT: GOLD
OTHER PLATINGS AVAILABLE

MOUNTING OPTIONS



Terminal Acceptance and Forces

Thru Hole Terminals				Surface Mount Terminals			
Thru Hole Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force	Surface Mount Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force
-433E	Ø.040 [Ø1.02]	36.0 oz Max	3.9 oz Min	-285E	Ø.040 [Ø1.02]	36.0 oz Max	3.9 oz Min
-295V	Ø.030 [Ø0.76]	13.2 oz Max	3.5 oz Min	-439V	Ø.030 [Ø0.76]	13.2 oz Max	3.5 oz Min
-505P72	Ø.080 [Ø2.03]	48 oz Max	8.0 oz Min	-506P72	Ø.080 [Ø2.03]	48 oz Max	8.0 oz Min
-436P55	Ø.060 [Ø1.52]	15.5 oz Max	2.1 oz Min	-440P55	Ø.060 [Ø1.52]	15.5 oz Max	2.1 oz Min

RoHS Compliant

*Sockets are not drawn to scale **ENERGY POWER** 9/21/2016

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Email Info@andonelect.com

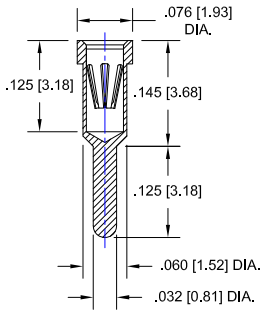
ENARGY POWER *Continued*

Socket Terminal Details

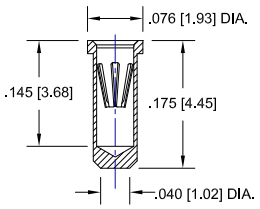
Cross Section View Shown

Units: in [mm]

-295V



-439V



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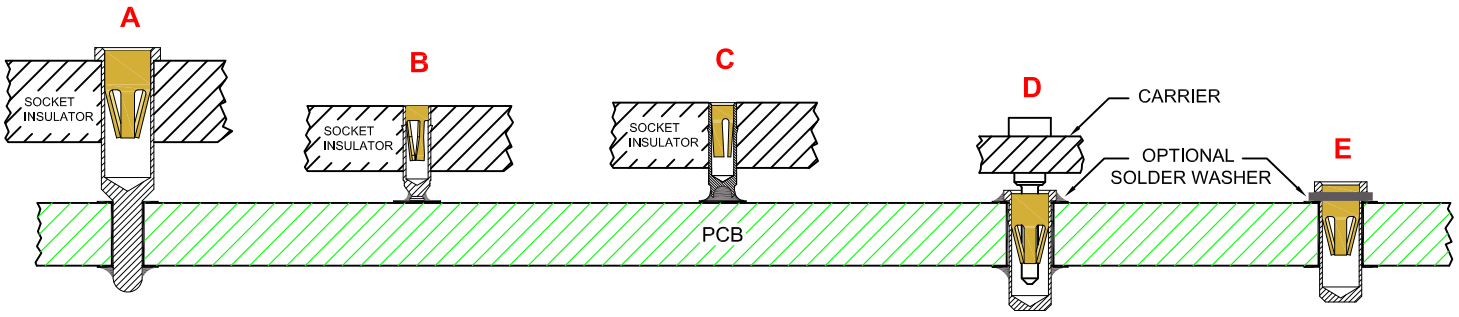
ANDON INTERCONNECTION SPECIALISTS

Socket Mounting Options

RoHS Compliant
ISO 9001
Certified



THRU-HOLE SOCKET

SMD-SOCKET

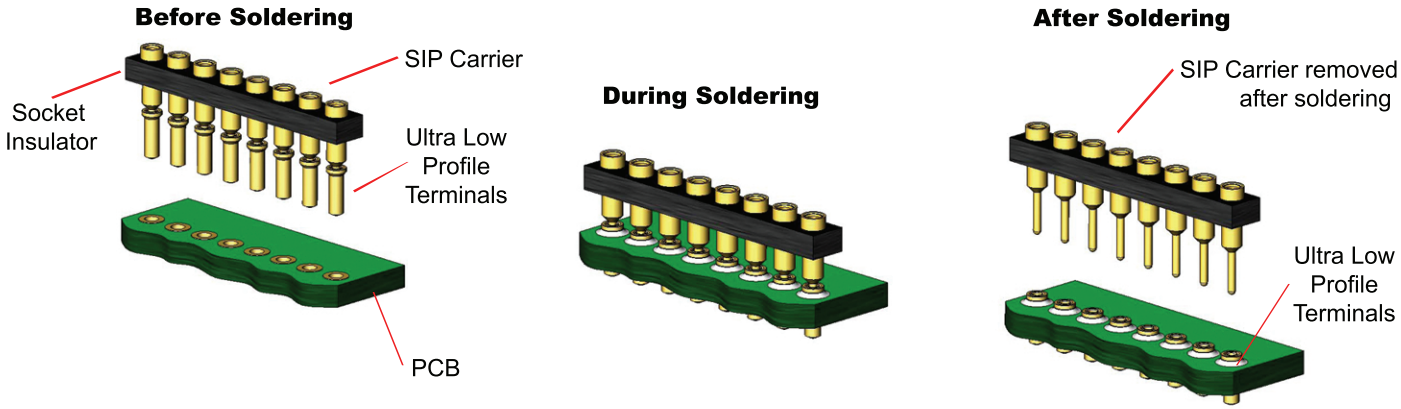
SMD ROLLERBALL® SOCKET
(PATENTED)

REMOVABLE CARRIER WITH ULTRA-LOW PROFILE PIN SOCKETS

INDIVIDUAL ULTRA-LOW PROFILE PIN SOCKETS
(BEFORE SOLDERING)

A more reliable solder joint for surface mount applications !

ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY See 'D' above



Available with or without solder washer

"ANDON PROPRIETARY INFORMATION"

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*Sockets are not drawn to scale **SOCKET MOUNTINGS** 5/13/2016

ANDON ELECTRONICS CORPORATION

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