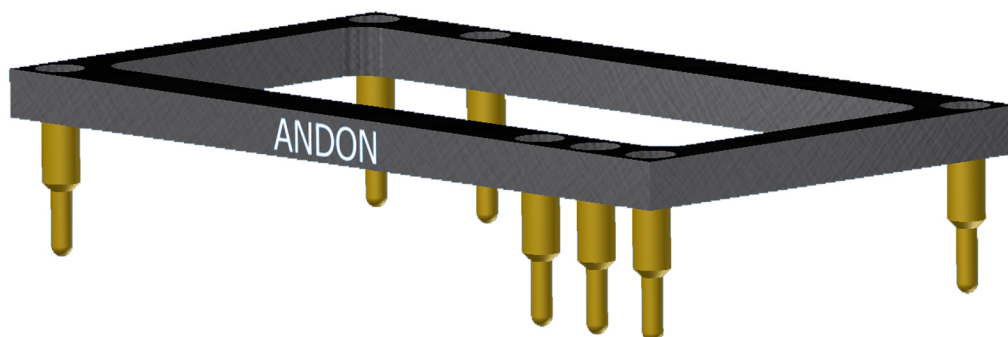




RoHS Compliant  
ISO 9001  
Certified

## ***POWER CONVERTER SOCKETS FOR CITA TECHNOLOGIES***

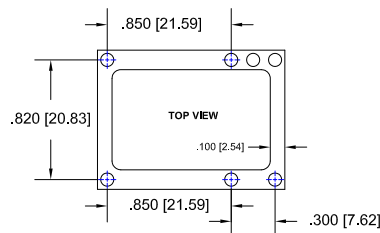


***Largest Line of High Reliability Power Converter Sockets  
with Hi-Rel Contacts***

[www.andonelect.com](http://www.andonelect.com) or [www.andonelectronics.com](http://www.andonelectronics.com)

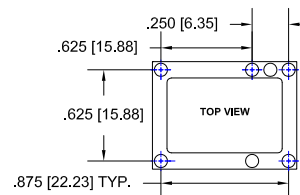
CITA TECHNOLOGIES						
Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
BPSX SERIES	C125-62516-07-01-XXX-R27-L14	433E	285E	.040	2	1
BPWX SERIES	C125-62516-07-01-XXX-R27-L14	433E	285E	.040	2	1
BPH SERIES	C125-62516-07-01-XXX-R27-L14	433E	285E	.040	2	1
BPWX1 SERIES	C125-62516-07-01-XXX-R27-L14	433E	285E	.040	2	1
BPH1 SERIES	C125-62516-07-01-XXX-R27-L14	433E	285E	.040	2	1
BPSX1 SERIES	C125-62516-07-01-XXX-R27-L14	433E	285E	.040	2	1
BPWX2 SERIES	C15-8218-07-01-XXX-R27-L14	433E	285E	.040	1	1
BPSX2 SERIES	C15-8224-07-01-XXX-R27-L14	433E	285E	.040	3	1
BPWX4 SERIES	C15-8224-07-01-XXX-R27-L14	433E	285E	.040	3	1

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



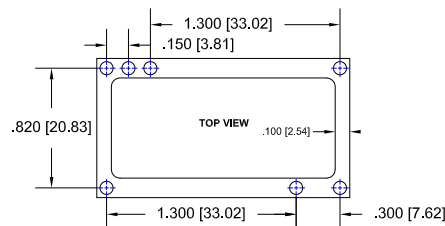
**FIG. 1**

Thru-Hole: C15-8218-07-01-433E-R27-L14  
Surface Mount: C15-8218-07-01-285E-R27-L14



**FIG. 2**

Thru-Hole: C125-62516-07-01-433E-R27-L14  
Surface Mount: C125-62516-07-01-285E-R27-L14



**FIG. 3**

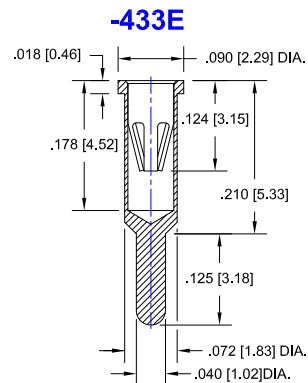
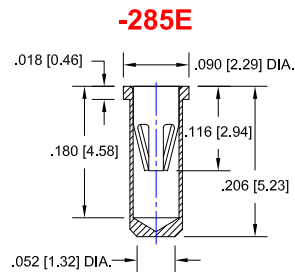
Thru-Hole: C15-8224-07-01-433E-R27-L14  
Surface Mount: C15-8224-07-01-285E-R27-L14

## CITA TECHNOLOGIES *Continued*

### Socket Terminal Details

Cross Section View Shown

Units: in [mm]



#### Material:

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

**Plating: RoHS COMPLIANT**

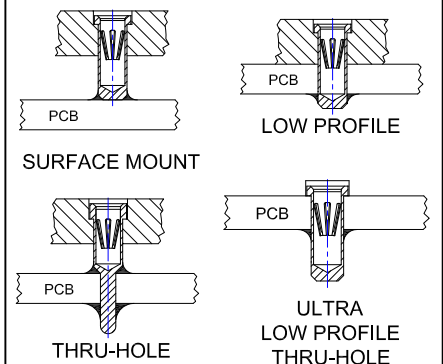
**R27 TERMINAL: GOLD / CONTACT: GOLD**

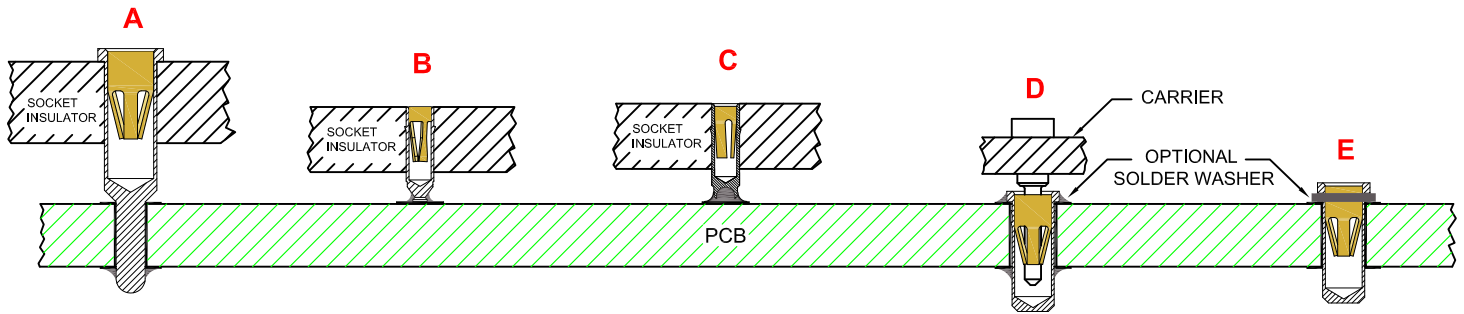
**R29 TERMINAL: TIN / CONTACT: GOLD**

**OTHER PLATINGS AVAILABLE**

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 Avg.	3.9 oz Min	-285E	Ø.040 [Ø1.02]	36.0 oz Avg.	3.9 oz Min

#### MOUNTING OPTIONS





**THRU-HOLE  
SOCKET**

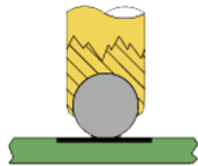
**SMD-SOCKET**

**SMD  
ROLLERBALL<sup>®</sup>  
SOCKET  
(PATENTED)**

**REMOVABLE  
CARRIER  
WITH ULTRA-LOW  
PROFILE PIN SOCKETS**

**INDIVIDUAL  
ULTRA-LOW PROFILE  
PIN SOCKETS  
(BEFORE SOLDERING)**

**ROLLERBALL<sup>®</sup>  
SOCKET**



**BEFORE SOLDERING**

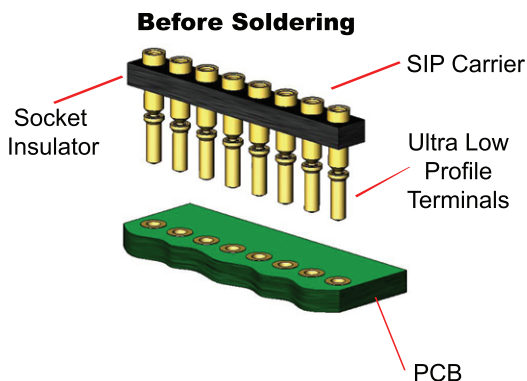
**ROLLERBALL<sup>®</sup>  
SOCKET**



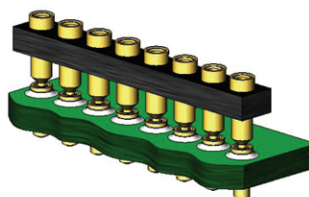
**AFTER SOLDERING**

**A more reliable solder joint for surface mount applications !**

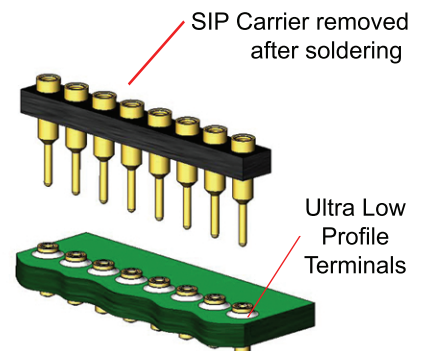
**ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY See 'D' above**



**During Soldering**



**After Soldering**



**Available with or without solder washer**