



RoHS Compliant
ISO 9001
Certified

POWER CONVERTER SOCKETS FOR ETA-USA



ETA-USA



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

www.andonelect.com or www.andonelectronics.com

ETA						
Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
OBS-SA	CSP1850-05-01-XXX-R27-L14	433E	285E	.040	4	2
OBS-WA	CSP1850-06-01-XXX-R27-L14	433E	285E	.040	6	2
OBR-SA/ OBR-WA	CSP1700-05-02-XXX-R27-L14	433E	285E	.040	8	3
OC2V-SC	C10-1114-05-01-XXX-R27-L14	433E	285E	.040	3	2
OC3V-2.2SC05	C10-1114-05-01-XXX-R27-L14	433E	285E	.040	3	2
OC1-A	C10-1114-05-01-XXX-R27-L14	433E	285E	.040	3	2
OEJ-SC	C10-1114-04-01-XXX-R27-L14	433E	285E	.040	5	2
OEJ-WC	C10-1114-04-01-XXX-R27-L14	433E	285E	.040	5	2
OQB-SC/ OBQ-WC SERIES	C10-1114-05-01-XXX-R27-L14	433E	285E	.040	3	2
OES-SC05 SERIES	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OES-WC05	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OER-SC	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OES-SC1224 SERIES	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OES-WC1224	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OER-WC	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OES-SC2448 SERIES	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OES-WC2448	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OBS-SC	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OBS-WC	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OBR-SC SERIES	C10-1618-05-01-XXX-R27-L14	433E	285E	.040	10	3
OEQ-SC SERIES	C10-1618-05-01-XXX-R27-L14	433E	285E	.040	10	3
OBR-WC SERIES	C10-1618-05-01-XXX-R27-L14	433E	285E	.040	10	3
OEQ-WC SERIES	C10-1618-05-01-XXX-R27-L14	433E	285E	.040	10	3
OTQ SERIES	C10-14-07-01-XXX-R27-L14	01S	93S	.018	9	3
OHS-WC	C10-818-04-01-XXX-R27-L14	443E	285E	.040	1	2
OHS-SC	C10-818-04-01-XXX-R27-L14	443E	285E	.040	1	2
OES-SC SERIES	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OES-WC05 SERIES	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OES-WC 1224 SERIES	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OES-WC 2448 SERIES	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OES-SC	C10-1618-04-01-XXX-R27-L14	433E	285E	.040	7	3
OER-SC SERIES	C10-1618-05-01-XXX-R27-L14	433E	285E	.040	10	3
OBS-SC SERIES	C10-1618-05-01-XXX-R27-L14	433E	285E	.040	10	3
OBS-WC SERIES	C10-1618-05-01-XXX-R27-L14	433E	285E	.040	10	3
OBQ-SC SERIES	C10-1114-05-01-XXX-R27-L14	433E	285E	.040	3	2
OBQ-WC SERIES	C10-1114-05-01-XXX-R27-L14	433E	285E	.040	3	2
OC1V-SC1224	C10-1114-05-01-XXX-R27-L14	433E	285E	.040	3	2
OC2V-SC0512	C10-1114-05-01-XXX-R27-L14	433E	285E	.040	3	2
OHS-WC 1224	C10-818-05-02-XXX-R27-L14	433E	285E	.040	2	2
OHS-WC 2448	C10-818-05-02-XXX-R27-L14	433E	285E	.040	2	2

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

ETA Continued
Top View Shown
Units: in [mm]

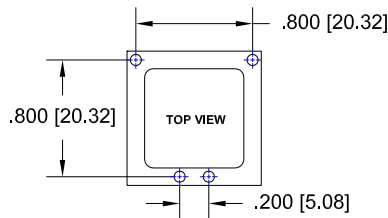


FIG. 1

Thru-Hole: C10-818-04-01-433E-R27-L14
Surface Mount: C10-818-04-01-285E-R27-L14

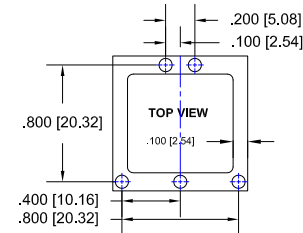


FIG. 2

Thru-Hole: C10-818-05-02-433E-R27-L14
Surface Mount: C10-818-05-02-285E-R27-L14

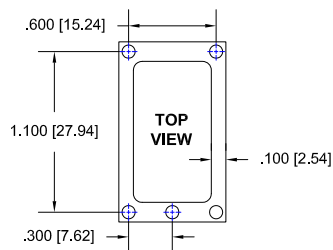


FIG. 3

Thru-Hole: C10-1114-05-01-433E-R27-L14
Surface Mount: C10-1114-05-01-285E-R27-L14

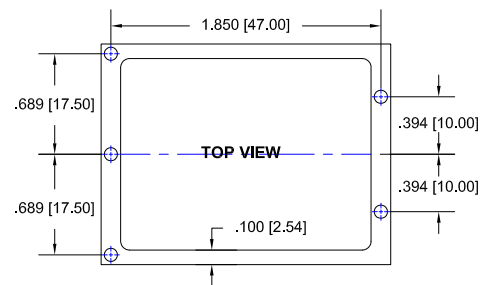


FIG. 4

Thru-Hole: CSP1850-05-01-433E-R27-L14
Surface Mount: CSP1850-05-01-285E-R27-L14

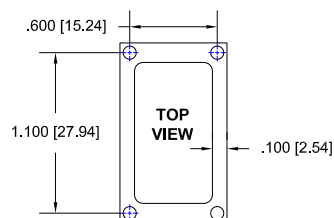


FIG. 5

Thru-Hole: C10-1114-04-01-433E-R27-L14
Surface Mount: C10-1114-04-01-285E-R27-L14

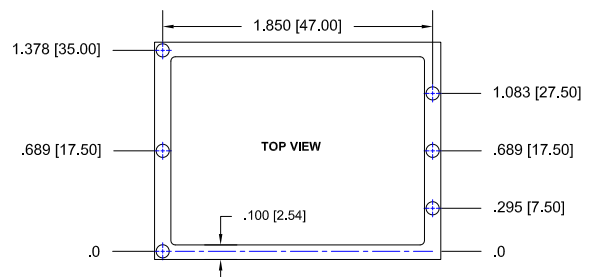


FIG. 6

Thru-Hole: CSP1850-06-01-433E-R27-L14
Surface Mount: CSP1850-06-01-285E-R27-L14

ETA Continued
Top View Shown
Units: in [mm]

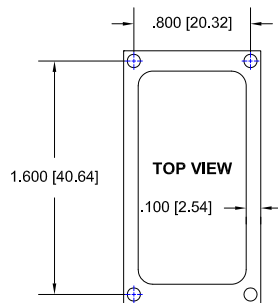


FIG. 7

Thru-Hole: C10-1618-04-01-433E-R27-L14
Surface Mount: C10-1618-04-01-285E-R27-L14

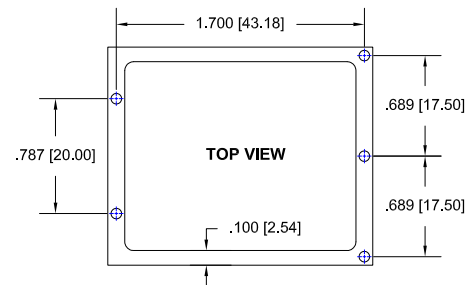


FIG. 8

Thru-Hole: CSP1700-05-02-433E-R27-L14
Surface Mount: CSP1700-05-02-285E-R27-L14

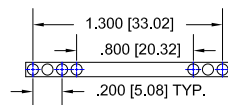


FIG. 9

Thru-Hole: C10-14-07-01-01S-R27-L14
Surface Mount: C10-14-07-01-93S-R27-L14

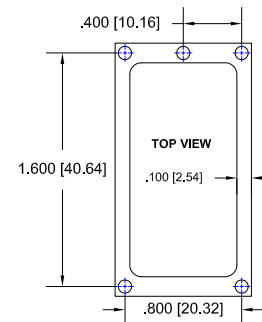


FIG. 10

Thru-Hole: C10-1618-05-01-433E-R27-L14
Surface Mount: C10-1618-05-01-285E-R27-L14

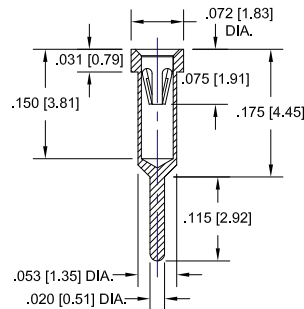
ETA Continued

Socket Terminal Details

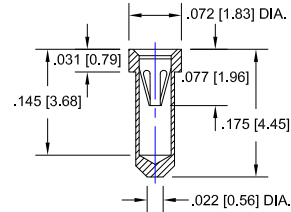
Cross Section View Shown

Units: in [mm]

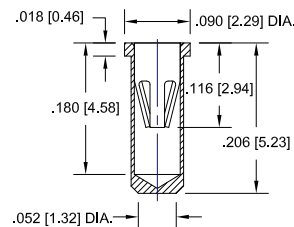
-01S



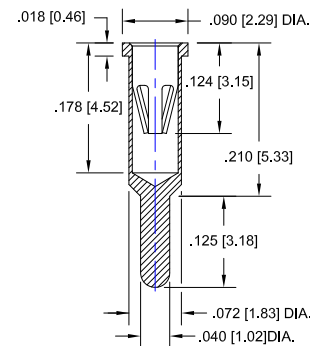
-93S



-285E



-433E



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

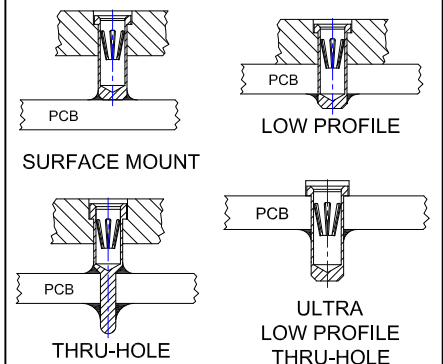
R29 TERMINAL: TIN / CONTACT: GOLD

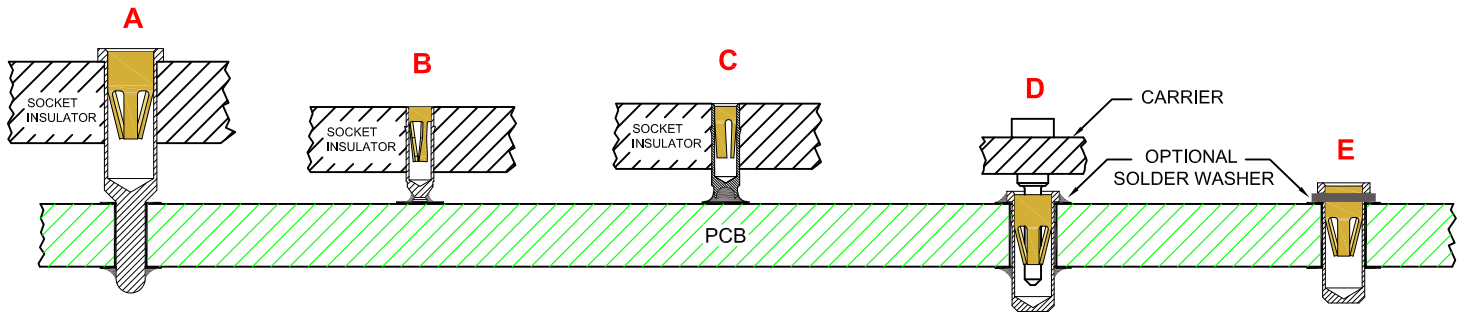
OTHER PLATINGS AVAILABLE

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
-01S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min	-93S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min
-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

MOUNTING OPTIONS





**THRU-HOLE
SOCKET**

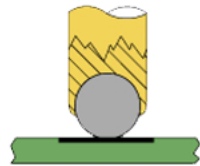
SMD-SOCKET

**SMD
ROLLERBALL®
SOCKET
(PATENTED)**

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

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

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

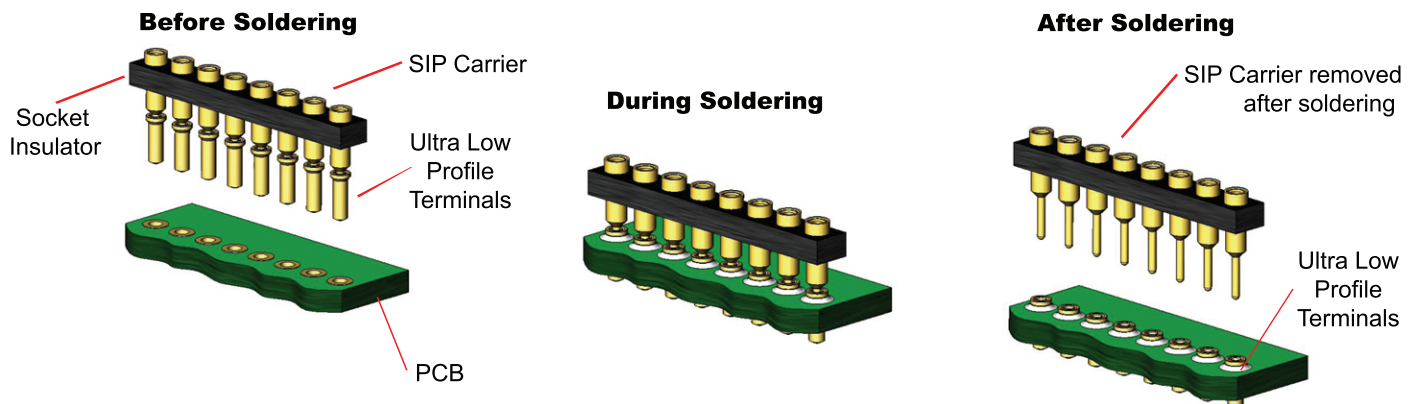
**ROLLERBALL®
SOCKET**



AFTER 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