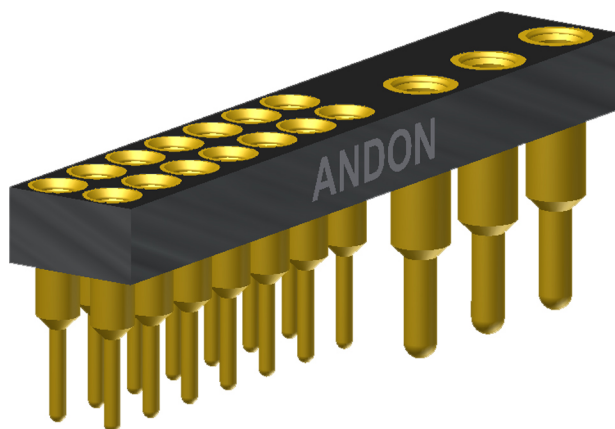




RoHS Compliant
ISO 9001
Certified

POWER CONVERTER SOCKETS FOR MURATA MANUFACTURING COMPANY



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

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www.andonelect.com or www.andonelectronics.com

MURATA MANUFACTURING COMPANY, LTD.						
Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
OKDX-T/20-W12-XXX-C	CSP890-13-01-XXX-R27-L14	526SE	527SE	.018/.040	5	2
OKDX-T/20-W12-XXX-C (SIP)	CSP905-17-01-XXX-R27-L14	526SE	527SE	.018/.040	6	2
OKDX-T/40-W12-XXX-C	CSP1108-20-01-XXX-R27-L14	526SE	527SE	.018/.040	8	2
OKDX-T/40-W12-XXX-C (SIP)	CSP1319-20-01-XXX-R27-L14	526SE	527SE	.018/.040	7	2
OKDX-T/50-W12-C	CSP1108-20-01-XXX-R27-L14	526SE	527SE	.018/.040	8	2
OKDX-T/50-W12-C (SIP)	CSP1319-20-01-XXX-R27-L14	526SE	527SE	.018/.040	7	2
OKI-78SR HORIZONTAL SERIES	C10-003-03-03-XXX-R27-L14	295V	439V	.030	1	1
OKI-78SR VERTICLE SERIES	C10-003-03-03-XXX-R27-L14	295V	439V	.030	1	1
OKR-T/10-W12 SERIES	C10-005-05-02-XXX-R27-L14	295V	439V	.030	2	1
OKR-T/3 SERIES	C10-005-05-02-XXX-R27-L14	295V	439V	.030	2	1
OKX T/10 & T/16-D12 SERIES	C10-20-11-02-XXX-R27-L14	295V	439V	.030	3	1
OKX T/10 & T/16-W5 SERIES	C10-20-11-02-XXX-R27-L14	295V	439V	.030	3	1
OKX T/3-W5 SERIES	C10-009-05-01-XXX-R27-L14	01P28	93P28	.028	4	1
OKX T/5-W5 SERIES	C10-009-05-01-XXX-R27-L14	01P28	93P28	.028	4	1
OKX T/3-D12 SERIES	C10-009-05-01-XXX-R27-L14	01P28	93P28	.028	4	1
OKX T/5-D12 SERIES	C10-009-05-01-XXX-R27-L14	01P28	93P28	.028	4	1
T10 & T16-D12 SERIES	C10-20-11-02-XXX-R27-L14	295V	439V	.030	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.

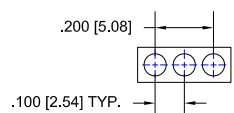


FIG. 1

Thru-Hole: C10-003-03-03-295V-R27-L14
Surface Mount: C10-003-03-03-439V-R27-L14

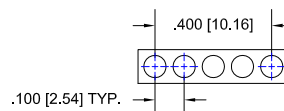


FIG. 2

Thru-Hole: C10-005-05-02-295V-R27-L14
Surface Mount: C10-005-05-02-439V-R27-L14

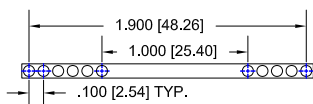


FIG. 3

Thru-Hole: C10-20-11-02-295V-R27-L14
Surface Mount: C10-20-11-02-439V-R27-L14

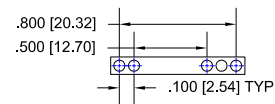


FIG. 4

Thru-Hole: C10-009-05-01-01P28-R27-L14
Surface Mount: C10-009-05-01-93P28-R27-L14

MURATA MANUFACTURING COMPANY, LTD. Continued

Top View Shown

Units: in [mm]

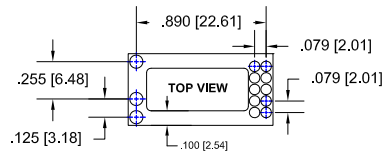


FIG. 5

Thru-Hole: CSP890-13-01-526SE-R27-L14
Surface Mount: CSP890-13-01-527SE-R27-L14

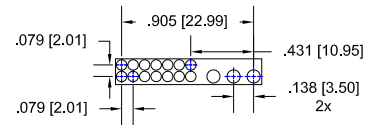


FIG. 6

Thru-Hole: CSP905-17-01-526SE-R27-L14
Surface Mount: CSP905-17-01-527SE-R27-L14

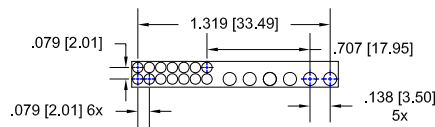
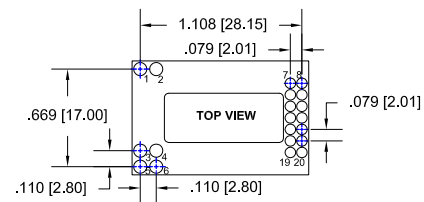


FIG. 7

Thru-Hole: CSP1319-20-01-526SE-R27-L14
Surface Mount: CSP1319-20-01-527SE-R27-L14



Pins 1-4 are Ø.018 [Ø0.46]
Pins 7-20 are Ø.040 [Ø1.02]

FIG. 8

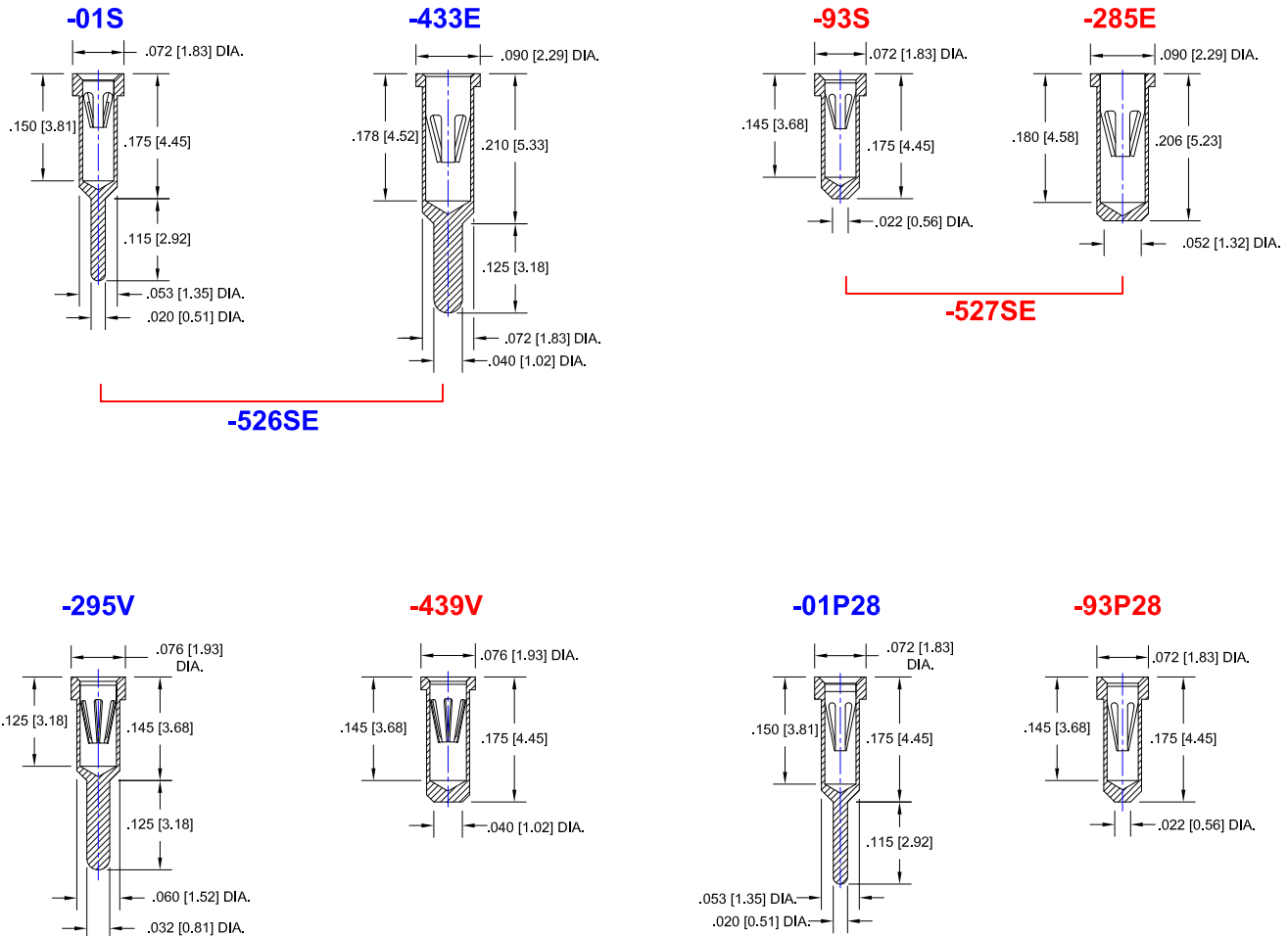
Thru-Hole: CSP1108-20-01-526SE-R27-L14
Surface Mount: CSP1108-20-01-527SE-R27-L14

MURATA MANUFACTURING COMPANY, LTD. 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

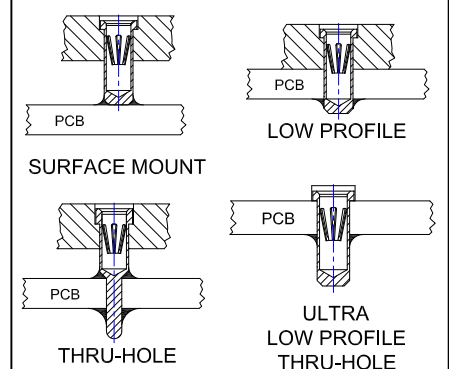
R29 TERMINAL: TIN / CONTACT: GOLD

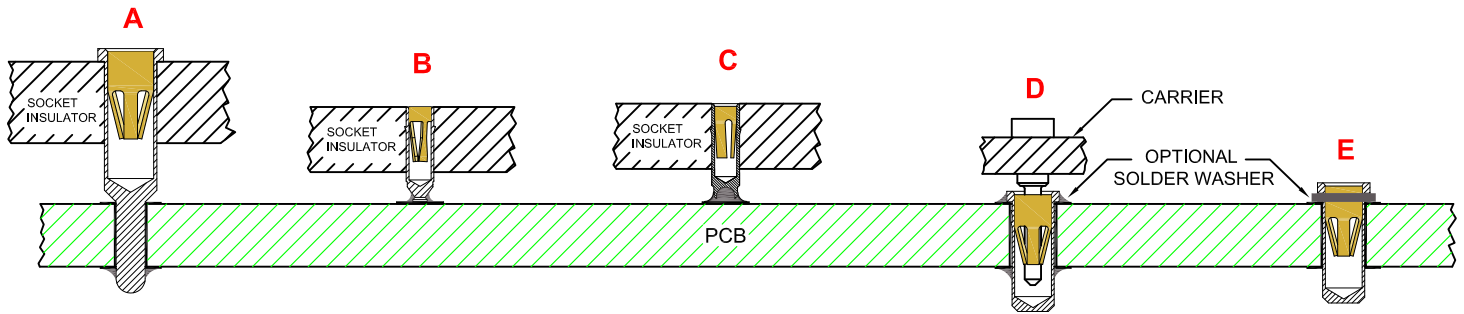
OTHER PLATINGS AVAILABLE

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
-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
-295V	Ø.030 [Ø0.76]	13.2 oz Avg.	3.5 oz Min	-439V	Ø.030 [Ø0.76]	13.2 oz Avg.	3.5 oz Min
-01P28	Ø.028 [Ø0.71]	0.70 oz Avg.	.35 oz Min	-93P28	Ø.028 [Ø0.71]	0.70 oz Avg.	.35 oz Min

MOUNTING OPTIONS





**THRU-HOLE
SOCKET**

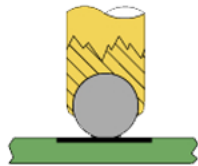
SMD-SOCKET

**SMD
ROLLERBALL®
SOCKET
(PATENTED)**

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

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

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

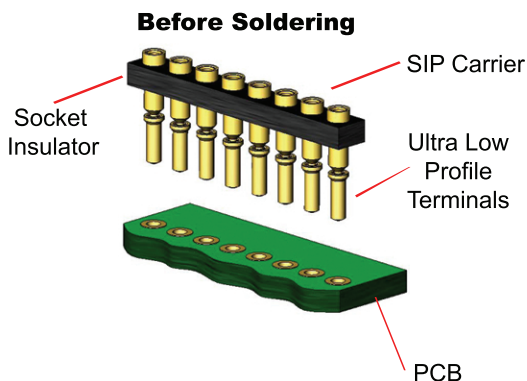
**ROLLERBALL®
SOCKET**



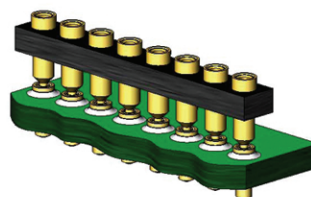
AFTER SOLDERING

A more reliable solder joint for surface mount applications !

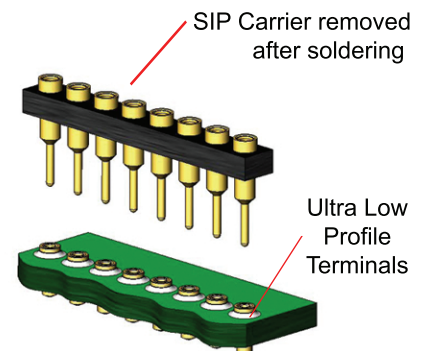
ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY See 'D' above



During Soldering



After Soldering



Available with or without solder washer