

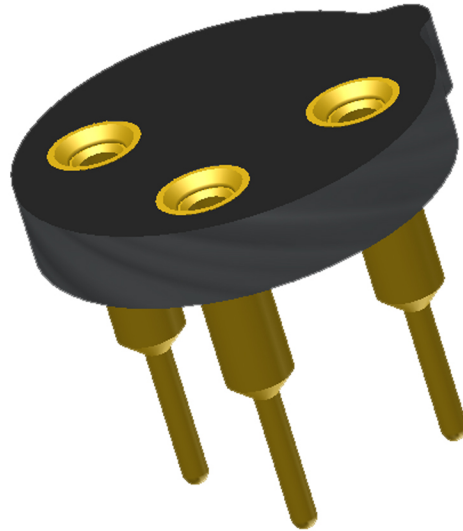


ANDON
INTERCONNECTION SPECIALISTS



RoHS Compliant
ISO 9001
Certified

HIGH RELIABILITY OPTOELECTRONIC SOCKETS FOR CITY TECHNOLOGY



Featuring Andon's Unique Senstac™ Contact

CITY TECHNOLOGY is a trade mark of CITY TECHNOLOGY

City Technology						
City Technology Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
0139-021-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0139-021-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0139-031-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0139-031-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0139-031-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0139-031-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0141-024-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0141-024-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0141-024-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0141-124-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0141-124-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0141-124-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0145-034-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0145-034-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0145-034-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0145-034-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0145-134-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0145-134-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0145-134-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0248-024-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0248-024-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0248-024-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0248-024-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0248-034-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0248-034-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0248-034-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0248-034-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0250-134-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0250-134-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0250-134-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0250-134-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
035-337-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0361-034-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0361-034-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0361-034-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0364-034-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0364-034-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0364-034-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0436-032-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0436-032-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0436-032-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0436-032-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0441-032-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0441-032-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0441-032-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0441-032-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0635-237-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0635-237-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0635-237-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0635-337-30009	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0635-337-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0635-337-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0635-337-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0731-021-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0731-021-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0731-021-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4

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

City Technology						
City Technology Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
0731-021-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0731-031-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0731-031-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0731-031-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0731-237-30009	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0731-237-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0731-237-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0731-237-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0731-237-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0731-237-3009	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0731-337-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0731-337-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0731-337-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0831-337-30009	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0831-337-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0831-337-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0831-337-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0941-031-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
0941-031-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0941-031-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
0941-337-30009	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0941-337-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
0941-337-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
0941-337-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1139-034-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1139-034-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1139-034-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1139-034-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1336-932-11069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1336-932-14049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1336-932-17079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1336-932-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1336-932-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1336-932-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1431-031-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1431-031-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1431-031-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1441-134-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1531-031-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1531-031-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1531-031-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1531-231-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1531-231-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1531-231-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1531-231-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1639-221-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1639-221-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1639-221-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1639-221-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1639-231-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1639-231-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1639-231-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1639-231-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1731-031-11069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1731-031-14049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1731-031-17079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4

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

City Technology						
City Technology Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
1731-031-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1731-031-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1731-031-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1845-031-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1845-031-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1845-031-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1845-031-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1845-932-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1845-932-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1845-932-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1845-932-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1850-932-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1850-932-30009	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1850-932-30049	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1850-932-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1850-932-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1850-932-30079	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1850-932-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1854-031-03069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1854-031-04049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1854-031-07079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1854-932-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1854-932-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1854-932-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1854-932-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1858-932-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1858-932-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1858-932-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
1945-034-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
1945-034-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
1945-034-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
1945-034-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
2131-021-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
2131-021-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
2131-021-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
2131-021-3069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
2241-032-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
2241-032-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
2241-032-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
2241-032-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
2345-034-11069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
2345-034-14049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
2345-034-17079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
2441-021-03069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
2441-021-04049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
2441-021-07079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
2731-031-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
2731-031-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
2731-031-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
2731-331-30009	R200-0403-03T-XXX-R27-L14	01S	93S	.018	1	4
2731-331-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
2731-331-30069	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
2731-331-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4
3035-337-30009	R200-0404-01N-XXX-R27-L14	01S	93S	.018	4	4
3035-337-30049	R530-0403-02N-XXX-R27-L14	436P55	440P55	.060	3	4
3035-337-30079	R670-0804-02N-XXX-R27-L14	433E	285E	.040	1	4

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

City Technology Continued

Top View Shown

Units: in [mm]

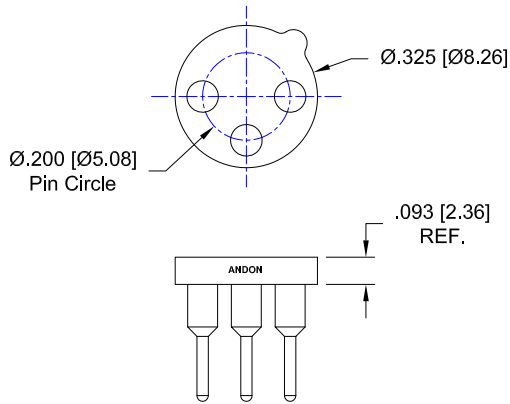


Fig. 1

Thru-Hole: R200-0403-03T-**01S**-R27-L14

Surface Mount: R200-0403-03T-**93S**-R27-L14

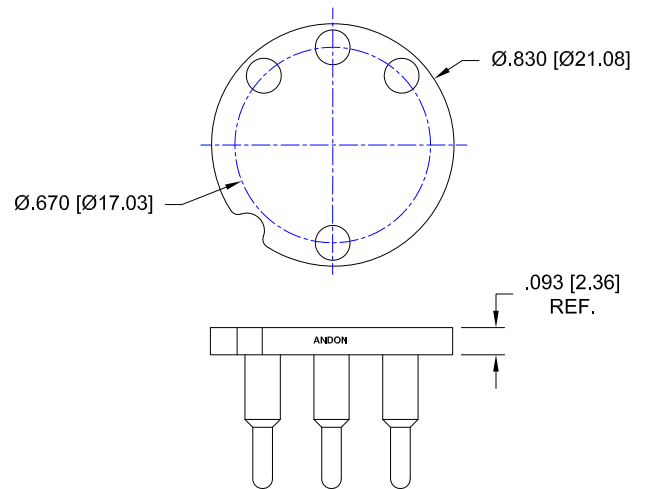


Fig. 1

Thru-Hole: R670-0804-02N-**433E**-R27-L14

Surface Mount: R670-0804-02N-**285E**-R27-L14

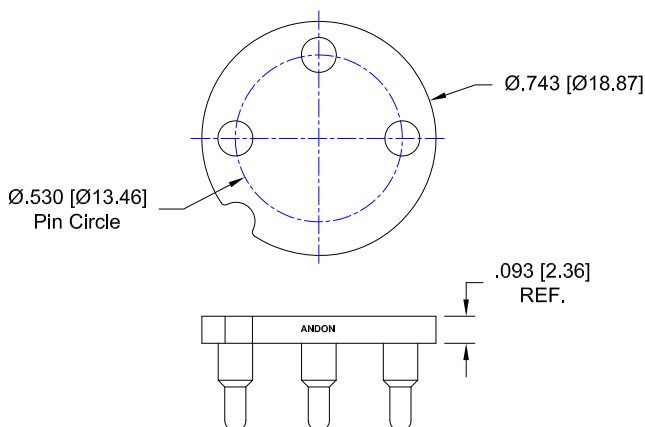


Fig. 3

Thru-Hole: R530-0403-02N-**436P55**-R27-L14

Surface Mount: R530-0403-02N-**440P55**-R27-L14

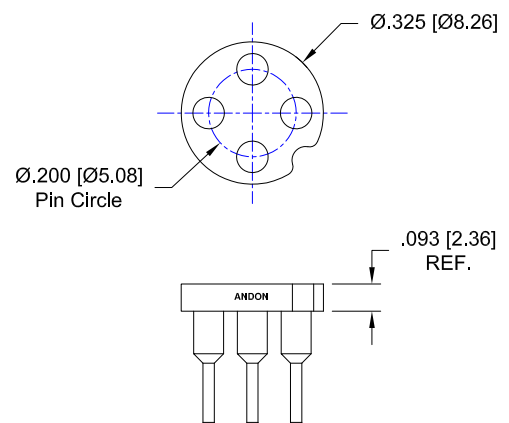


Fig. 4

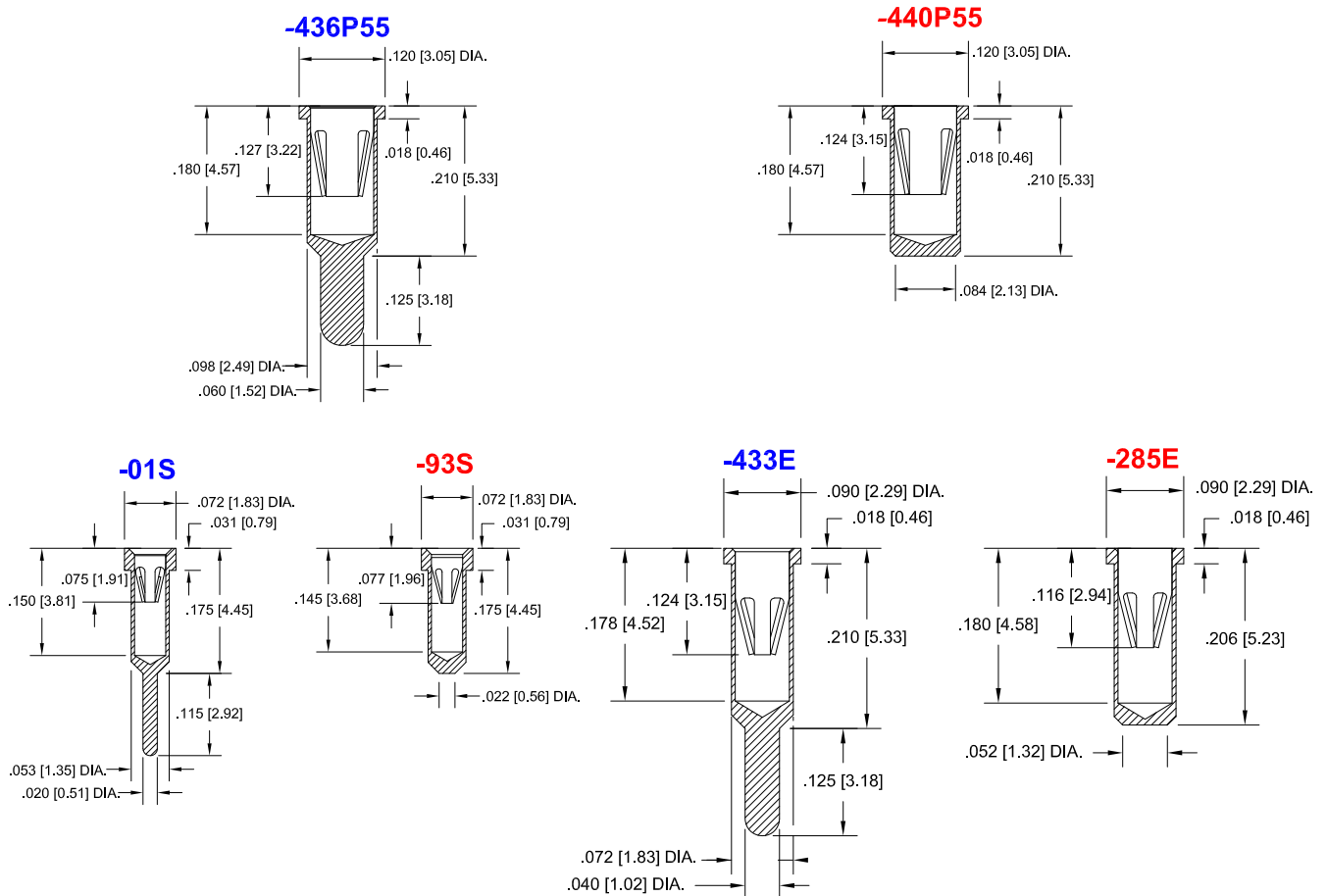
Thru-Hole: R200-0404-01N-**01S**-R27-L14

Surface Mount: R200-0404-01N-**93S**-R27-L14

City Technology Continued

Socket Terminal Details

Cross Section View Shown Units: in [mm]



Technical Information

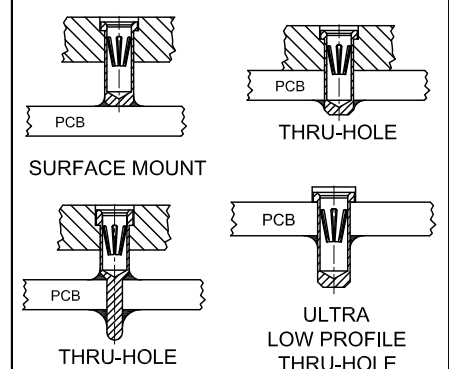
Material:

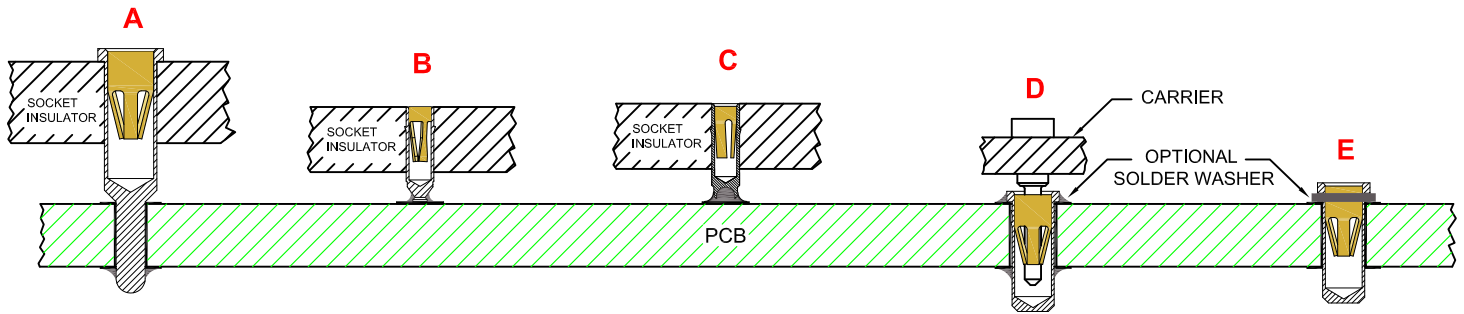
Insulator: Hi-Temp UL 94V-0
 Terminal: Brass, per ASTM-B16
 Contact: BeCu, Per ASTM-B194

Plating: RoHS COMPLIANT
R27 TERMINAL: GOLD / 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
-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

MOUNTING OPTIONS





**THRU-HOLE
SOCKET**

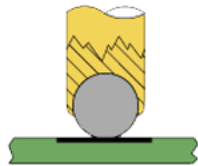
SMD-SOCKET

**SMD
ROLLERBALL®
SOCKET
(PATENTED)**

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

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

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

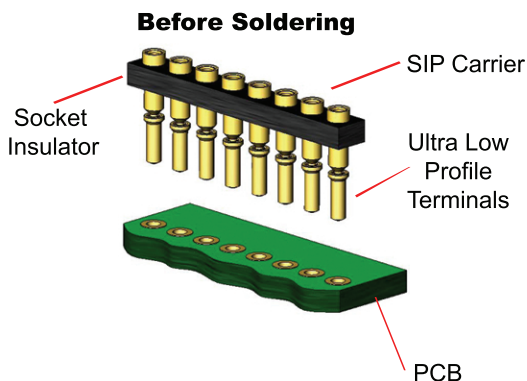
**ROLLERBALL®
SOCKET**



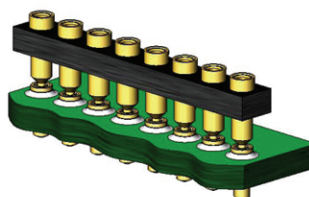
AFTER SOLDERING

A more reliable solder joint for surface mount applications !

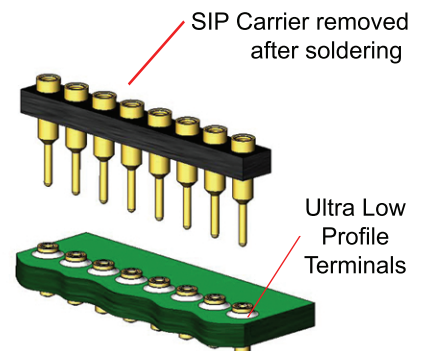
ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY See 'D' above



During Soldering



After Soldering



Available with or without solder washer