

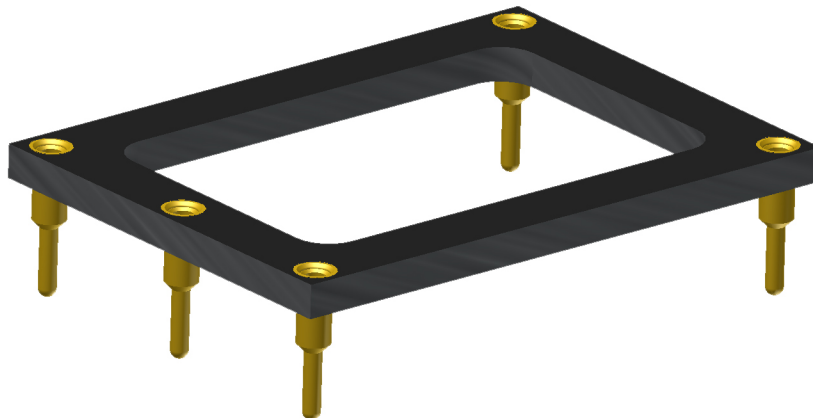


ANDON
INTERCONNECTION SPECIALISTS



RoHS Compliant
ISO 9001
Certified

**HIGH RELIABILITY
CRYSTAL OSCILLATOR SOCKETS FOR
SYNERGY MICROWAVE CORPORATION**



Featuring Andon's Unique Senstac™ Contact

Synergy® is a trade mark of Synergy Microwave Corporation

SYNERGY MICROWAVE CORPORATION						
Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
AFP-203	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AFP-206	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AFP-210	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AFP-215	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AFP-220	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AFP-230	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AFP-240	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AT-201	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AT-203	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AT-204	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AT-213	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
AT-214	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
OXO100-1-349	C10-1014-05-02-XXX-R27-L14	295V	439V	.030	1	1
OXO10-1-349	C10-1014-05-02-XXX-R27-L14	295V	439V	.030	1	1
OXO120-1-349	C10-1014-05-02-XXX-R27-L14	295V	439V	.030	1	1
PCP-901	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PCP-902	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PCP-904	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PCP-908	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PCP-910	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PCP-916	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PCP-922	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PCP-930	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PCP-940	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PCP-970	CSP750-12-01-XXX-R27-L14	295V	439V	.030	3	1
PDP-201	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	1
PDP-202	C20-208-08-01-XXX-R27-L14	295V	439V	.030	2	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.

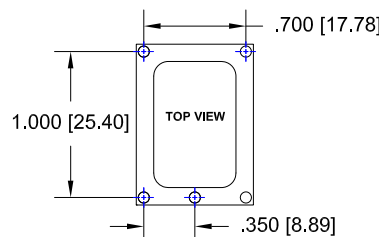


FIG. 1

Thru-Hole: C10-1014-05-02-295V-R27-L14
Surface Mount: C10-1014-05-02-439V-R27-L14

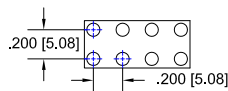


FIG. 2

Thru-Hole: C20-208-08-01-295V-R27-L14
Surface Mount: C20-208-08-01-439V-R27-L14

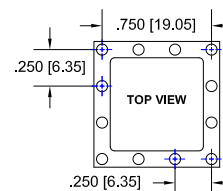


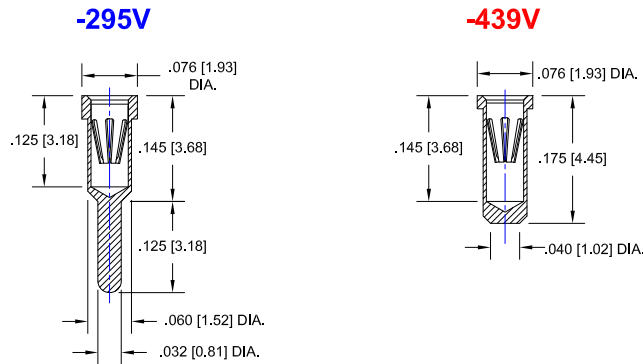
FIG. 3

Thru-Hole: CSP750-12-01-295V-R27-L14
Surface Mount: CSP750-12-01-439V-R27-L14

Synergy Microwave Corporation Continued

Socket Terminal Details

Cross Section View Shown Units: in [mm]



Technical Information

Material:

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

Plating: RoHS COMPLIANT

R17 TERMINAL: MATTE TIN / CONTACT: GOLD

R27 TERMINAL: GOLD / CONTACT: GOLD

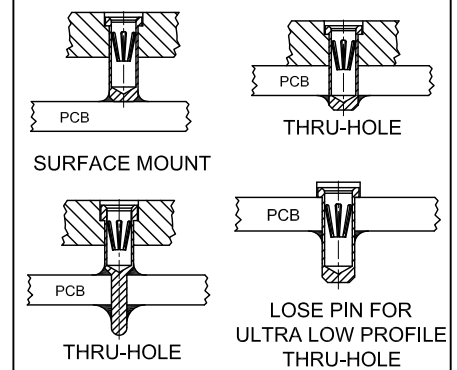
R32 TERMINAL: MATTE TIN / CONTACT: TIN

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
-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

MOUNTING OPTIONS



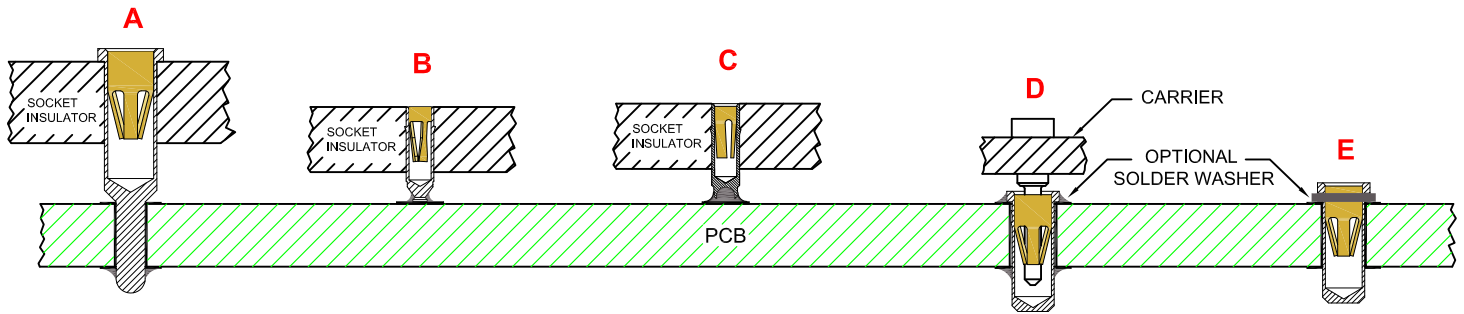
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"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

*Sockets are not drawn to scale Synergy Microwave Corporation 1/11/2017

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Email Info@andonelect.com



**THRU-HOLE
SOCKET**

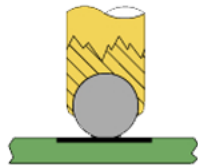
SMD-SOCKET

**SMD
ROLLERBALL®
SOCKET
(PATENTED)**

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

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

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

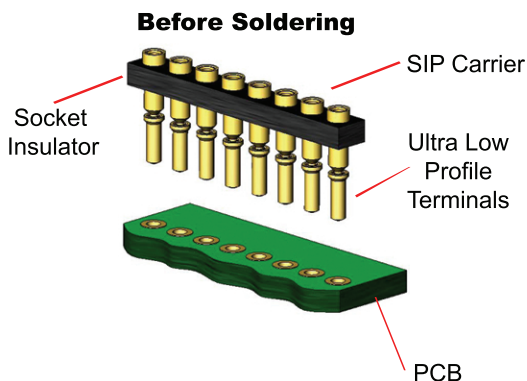
**ROLLERBALL®
SOCKET**



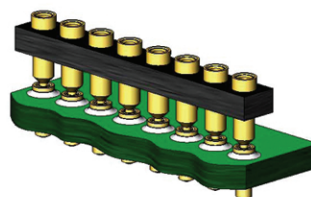
AFTER SOLDERING

A more reliable solder joint for surface mount applications !

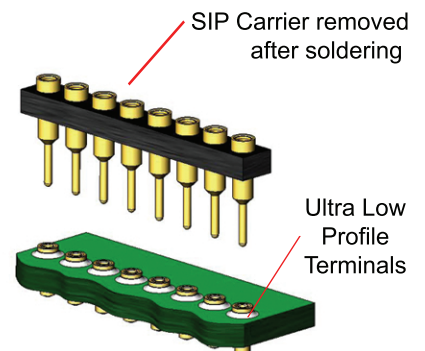
ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY See 'D' above



During Soldering



After Soldering



Available with or without solder washer