

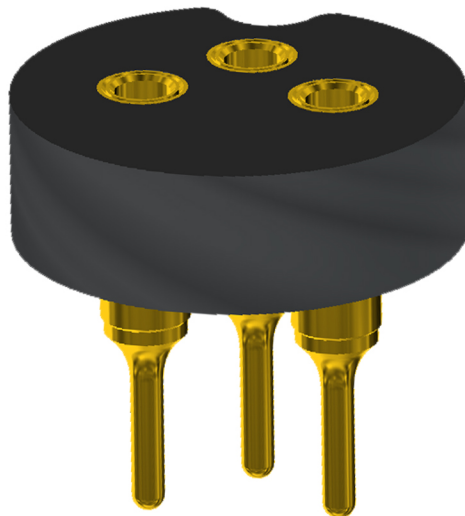


ANDON
INTERCONNECTION SPECIALISTS



RoHS Compliant
ISO 9001
Certified

HIGH RELIABILITY OPTOELECTRONIC SOCKETS FOR QSI CO. LTD.



Featuring Andon's Unique Senstac™ Contact

QSI CO. LTD is a trade mark of QSI CO. LTD

QSI CO. LTD						
Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
QL63D4SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63D4SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63D4SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63D5SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63D5SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63D5SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63F5SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63F5SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63F5SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63G5SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63G5SA-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63G5SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63G5SB-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63G5SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63G5SC-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63H5SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63H5SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL63H5SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65D6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65D6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65D6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65D7SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65D7SA-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65D7SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65D7SB-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65D7SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65D7SC-1	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65E7SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65E7SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65E7SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65F6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65F6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65F6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65F7SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65F7SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65F7SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65I7SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65I7SA-H	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65I7SA-S	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65I7SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65I7SB-H	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65I7SB-S	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65I7SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65I7SC-H	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65I7SC-S	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65J7SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65J7SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL65J7SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67D6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67D6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67D6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67D7SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67D7SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67D7SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67F6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3

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

QSI CO. LTD						
Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
QL67F6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67F6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67F7SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67F7SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL67F7SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL68I6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL68I6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL68I6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL68J6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL68J6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL68J6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78C6SA-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78C6SB-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78C6SC-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78D6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78D6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78D6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78F6GI-01	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78F6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78F6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78F6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78I6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78I6SA-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78I6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78I6SB-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78I6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78I6SC-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78J6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78J6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78J6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78M6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78M6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL78M6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SA-S2	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SA-Z5	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SB-S2	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SB-Z5	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SC-S2	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SC-Z5	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SD-S2	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SD-Z5	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SE-S2	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80R4SE-Z5	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL80S4HD-Y	R100-0403-04N-XXX-R27-L14	75S	265S	.018	2	3
QL80T4HD-Y	R100-0403-04N-XXX-R27-L14	75S	265S	.018	2	3
QL83H6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL83H6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL83H6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL83O6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL83O6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL83O6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL85D6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL85D6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL85D6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL85F6SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3

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

QSI CO. LTD						
Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
QL85F6SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL85F6SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL85J6SA-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL85J6SB-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL85J6SC-L	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL90F7SA	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL90F7SB	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
QL90F7SC	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3

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

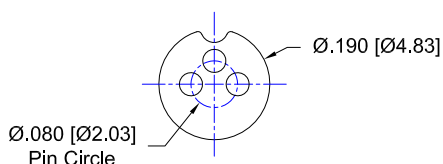


FIG. 1

Thru-Hole: R080-0403-01N-274K-R27-L14
Surface Mount: R080-0403-01N-281K-R27-L14

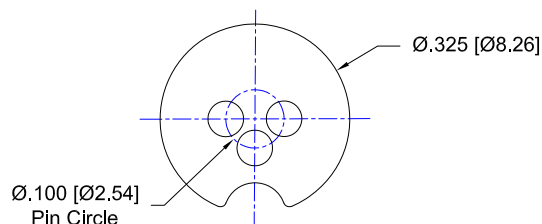
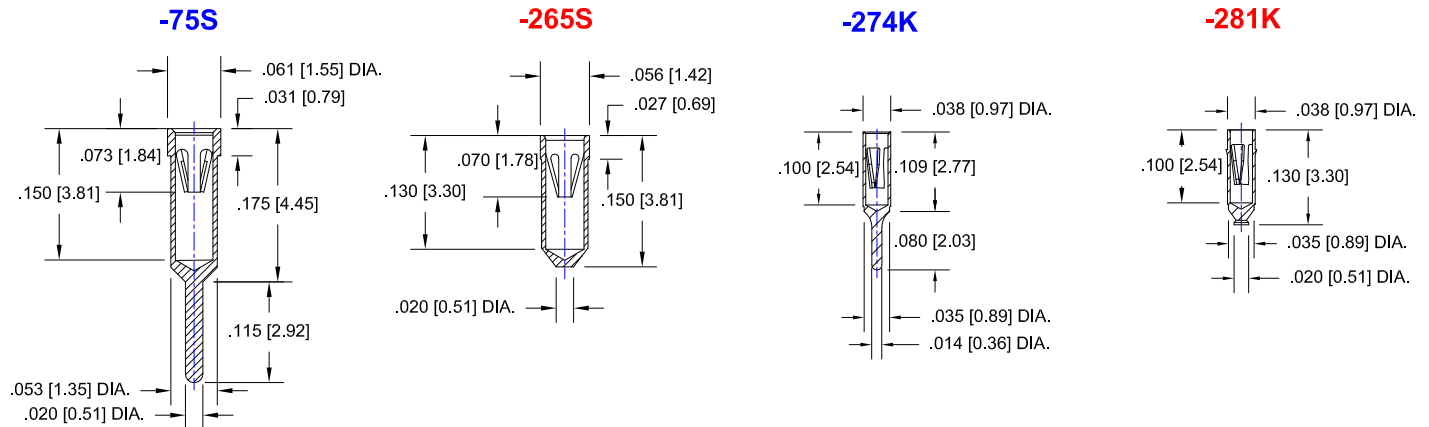


FIG. 2

Thru-Hole: R100-0403-04N-75S-R27-L14
Surface Mount: R100-0403-04N-265S-R27-L14

QSI CO. LTD. 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

R27 TERMINAL: GOLD / CONTACT: GOLD

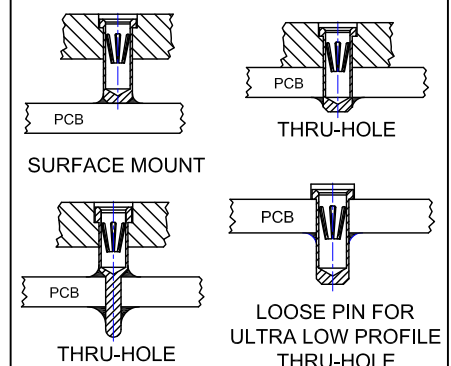
R17 TERMINAL: TIN / CONTACT: GOLD

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
-75S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min	-265S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min
-274K	Ø.018 [Ø0.46]	1.0 oz Avg.	0.5 oz Min	-281K	Ø.018 [Ø0.46]	1.0 oz Avg.	0.5 oz Min

MOUNTING OPTIONS



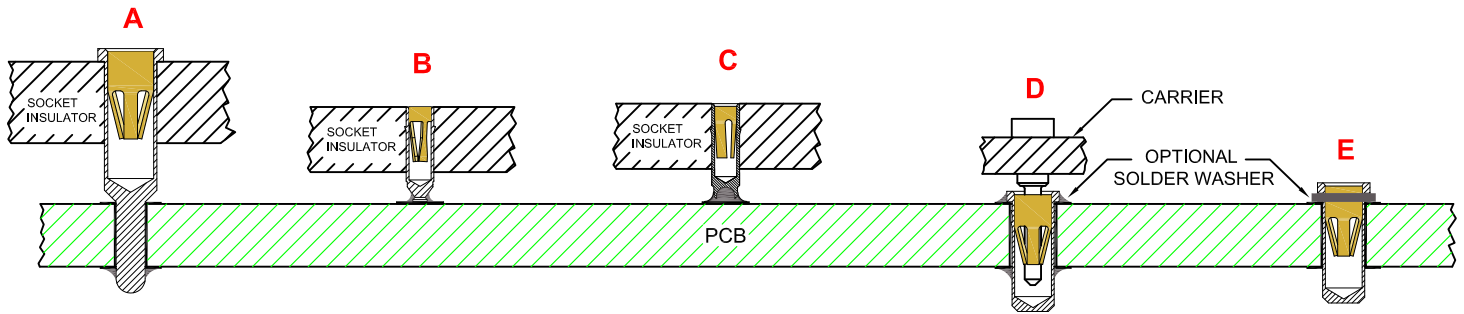
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"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

*Sockets are not drawn to scale QSI CO. LTD. 10/14/2016

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Email Info@andonelect.com



**THRU-HOLE
SOCKET**

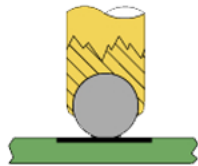
SMD-SOCKET

**SMD
ROLLERBALL®
SOCKET
(PATENTED)**

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

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

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

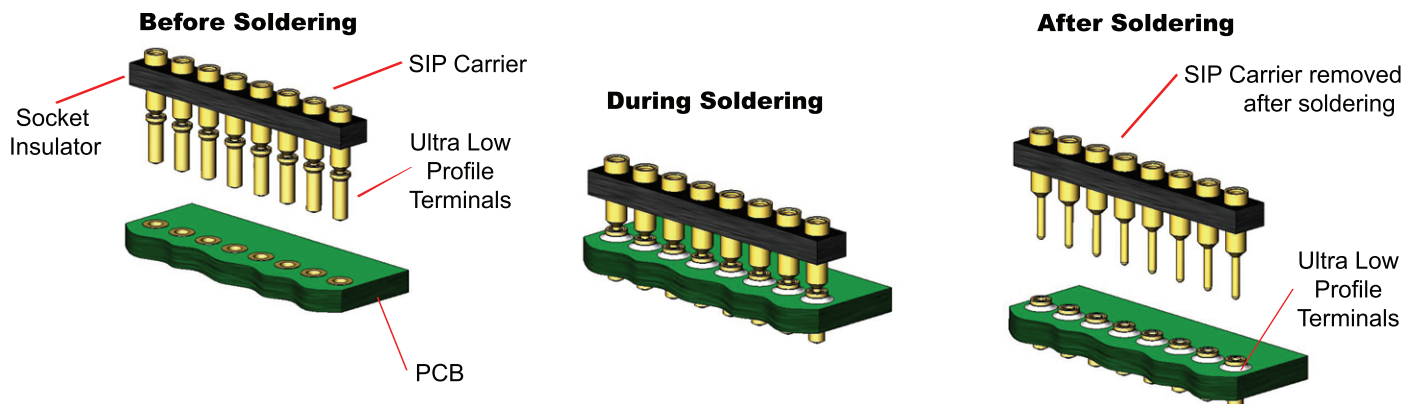
**ROLLERBALL®
SOCKET**



AFTER SOLDERING

A more reliable solder joint for surface mount applications !

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



Available with or without solder washer