



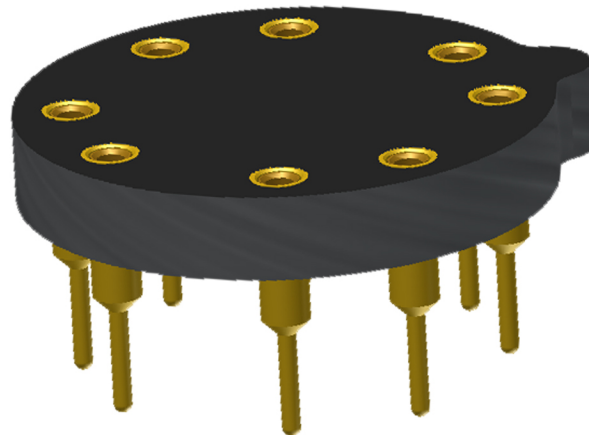
ANDON
INTERCONNECTION SPECIALISTS



RoHS Compliant
ISO 9001
Certified

**HIGH RELIABILITY
OPTOELECTRONIC SOCKETS FOR
GENTEC ELECTRO-OPTICS**

gentec-€



Featuring Andon's Unique Senstac™ Contact

GENTEC ELECTRO-OPTICS is a trade mark of GENTEC ELECTRO-OPTICS

GENTEC ELECTRO-OPTICS							
Product Number	Product Name	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
			Thru-Hole	Surface Mount			
201658	QS1-H	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201659	QS2-L	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201661	QS2-H	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201662	QS3-L	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201663	QS3-H	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201664	QS5-L	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201665	QS5-H	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201666	QS9-L	R430-1008-01T-XXX-R27-L14	01S	93S	.018	2	2
201667	QS9-H	R430-1008-01T-XXX-R27-L14	01S	93S	.018	2	2
201673	QS1-VL	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201674	QS2-VL	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201676	QS3-VL	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201677	QS5-VL	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201678	QS9-VL	R430-1008-01T-XXX-R27-L14	01S	93S	.018	2	2
201679	QS1-IF	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201680	QS2-IF	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201681	QS3-IF	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201682	QS5-IF	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201683	QS9-IF	R430-1008-01T-XXX-R27-L14	01S	93S	.018	2	2
201684	QS1-L	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201685	QS2-1L	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201686	QS3-IL	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201687	QS5-IL	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	2
201688	QS9-IL	R430-1008-01T-XXX-R27-L14	01S	93S	.018	2	2
201884	QS1-IL	R230-0808-01T-XXX-R27-L14	75S	265S	.018	1	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.

GENTEC ELECTRO-OPTICS *Continued*

Top View Shown

Units: in [mm]

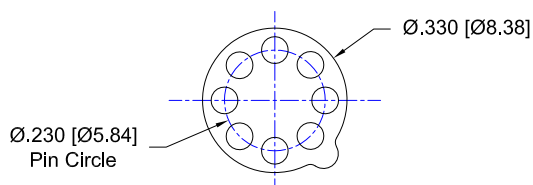


FIG: 1

Thru-Hole: R230-0808-01T-**75S**-R27-L14

Surface Mount: R230-0808-01T-**265S**-R27-L14

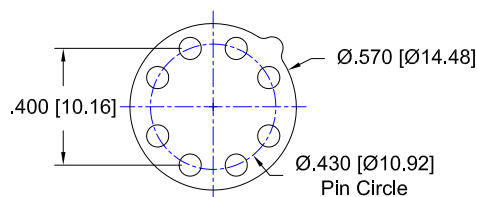


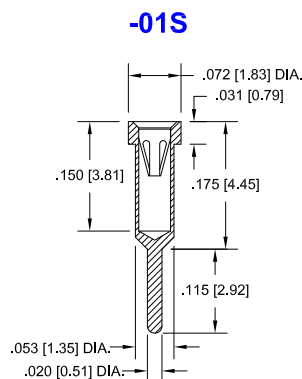
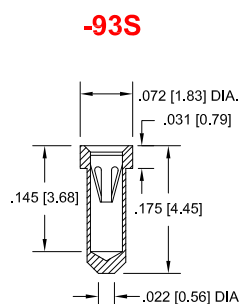
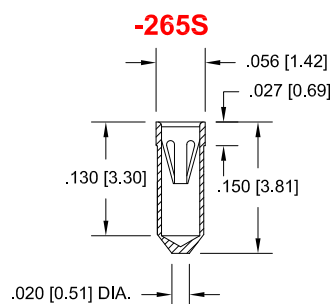
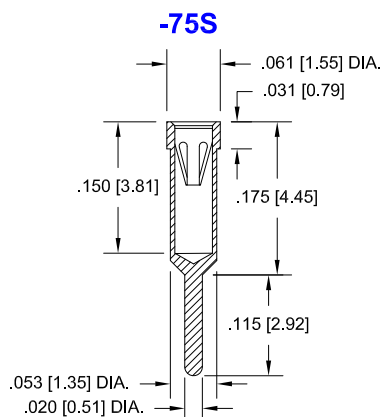
FIG: 2

Thru-Hole: R430-1008-01T-**01S**-R27-L14

Surface Mount: R430-1008-01T-**93S**-R27-L14

GENTEC ELECTRO-OPTICS *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

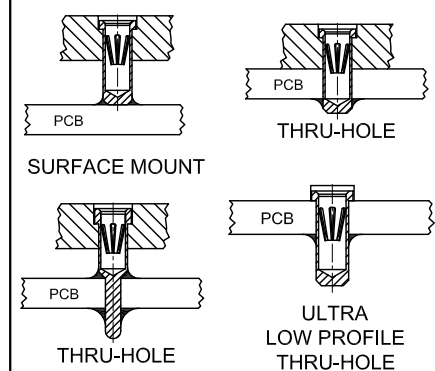
R27 TERMINAL: GOLD / CONTACT: GOLD

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
-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
-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

MOUNTING OPTIONS



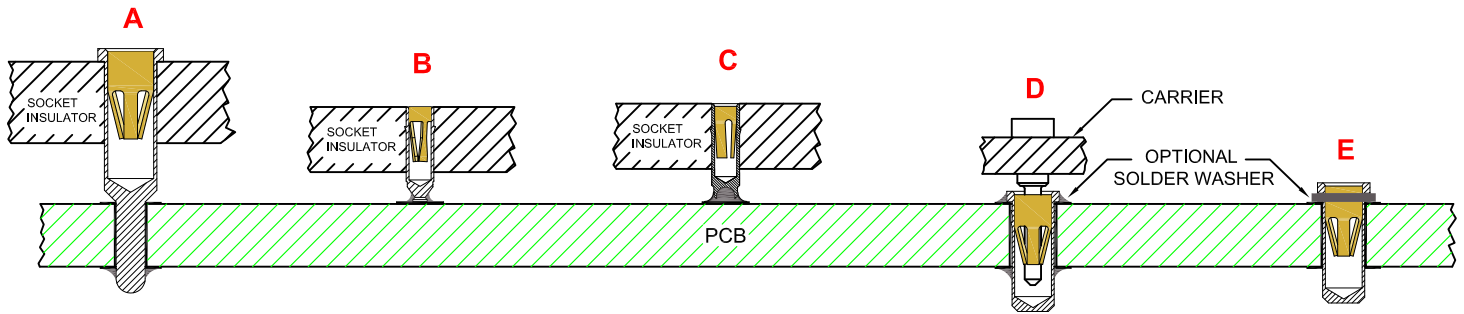
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"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

*Sockets are not drawn to scale GENTEC ELECTRO-OPTICS 3/16/2017

ANDON ELECTRONICS CORPORATION
4 Court Drive, Lincoln RI 02865, United States of America

www.andonelectronics.com or www.andonelect.com
Phone 401-333-0388 Fax 401-333-0287
Email Info@andonelect.com



**THRU-HOLE
SOCKET**

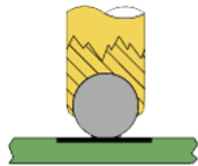
SMD-SOCKET

**SMD
ROLLERBALL®
SOCKET
(PATENTED)**

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

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

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

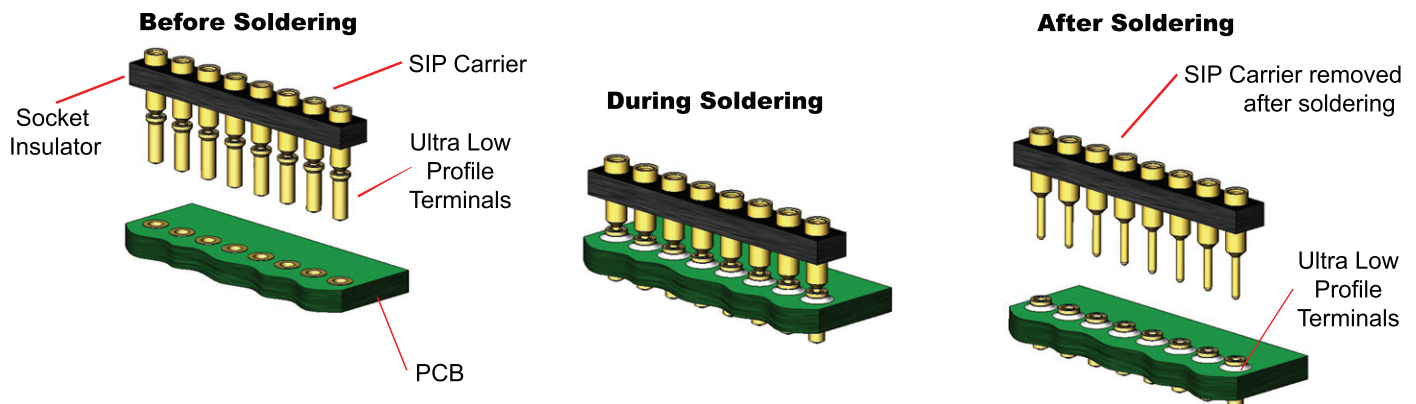
**ROLLERBALL®
SOCKET**



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