



ANDON
INTERCONNECTION SPECIALISTS

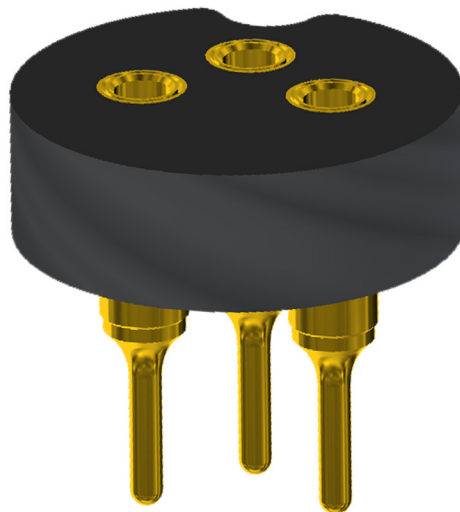


RoHS Compliant
ISO 9001
Certified

**HIGH RELIABILITY
OPTOELECTRONIC SOCKETS FOR
OSRAM OPTO SEMICONDUCTORS GMBH**

OSRAM

Opto Semiconductors



Featuring Andon's Unique Senstac™ Contact

OSRAM OPTO SEMICONDUCTOR GMBH is a trade mark of OSRAM OPTO SEMICONDUCTOR GMBH

OSRAM Opto Semiconductors GmbH						
OSRAM Opto Semiconductors GmbH Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
BP 104 F	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BP 104 FS	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 21	R200-0402-02T-XXX-R27-L14	01S	93S	.018	7	4
BPW 34	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 B	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 BS	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 F	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 FA	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 FAS	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 FASR	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 FS	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 FSR	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 S	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPW 34 SR	303-00556-XXX-R27-L14-B10	01S	93S	.018	9	5
BPX 48	IS229-304-XXX-R27-L14	295V	439V	.030	13	5
BPX 61	R200-0402-02T-XXX-R27-L14	01S	93S	.018	7	4
BPX 65	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
BPX 81	405-02-XXX-R27-L14	01S	93S	.018	8	4
DLG1414	IS229-612-XXX-R27-L14	01S	93S	.018	23	7
DLG2416	IS229-618-XXX-R27-L14	01S	93S	.018	25	7
DLG3416	IS229-622-XXX-R27-L14	01S	93S	.018	27	8
DLO1414	IS229-612-XXX-R27-L14	01S	93S	.018	23	7
DLO2416	IS229-618-XXX-R27-L14	01S	93S	.018	25	7
DLO3416	IS229-622-XXX-R27-L14	01S	93S	.018	27	8
DLR1414	IS229-612-XXX-R27-L14	01S	93S	.018	23	7
DLR2416	IS229-618-XXX-R27-L14	01S	93S	.018	25	7
DLR3416	IS229-622-XXX-R27-L14	01S	93S	.018	27	8
DLX413X	IS229-316-XXX-R27-L14	01S	93S	.018	19	6
DLX713X	IS229-614-XXX-R27-L14	01S	93S	.018	24	7
HSDP2110S	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
HSDP2111S	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
HSDP2112S	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
HSDP2113S	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
HSDP2114S	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
HSDP2115S	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
IPD2131	IS231B-324-XXX-R27-L14	01S	93S	.018	21	7
IPD2132	IS231B-324-XXX-R27-L14	01S	93S	.018	21	7
IPD2133	IS231B-324-XXX-R27-L14	01S	93S	.018	21	7
IPD2545A	IS229-520-XXX-R27-L14	01S	93S	.018	22	7
IPD2547A	IS229-520-XXX-R27-L14	01S	93S	.018	22	7
IPD2548A	IS229-520-XXX-R27-L14	01S	93S	.018	22	7
ISD201X	IS229-25012-XXX-R27-L4	01S	93S	.018	15	6
ISD231X	IS229-25012-XXX-R27-L4	01S	93S	.018	15	6
ISD235X	IS229-25012-XXX-R27-L4	01S	93S	.018	15	6
LA 3366	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LA 541B	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LA 543B	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LB 543C	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LG 5460	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LO 3366	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LO 541B	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LO 543B	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LS 3366	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LS 5421	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LS 5460	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	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.

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OSRAM Opto Semiconductors GmbH Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
LT 543C	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LV 543C	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LW 541C	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LY 0285	R100-0402-06T-XXX-R27-L14	274K	281K	.018	4	4
LY 0286	R100-0402-06T-XXX-R27-L14	274K	281K	.018	4	4
LY 3366	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LY 5421	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LY 543B	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
LY 5460	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
PD243X	IS229-620-XXX-R27-L14	01S	93S	.018	26	7
PD353X	IS229-620-XXX-R27-L14	01S	93S	.018	26	7
PD443X	IS229-620-XXX-R27-L14	01S	93S	.018	26	7
PDSP1880	IS231A-324-XXX-R27-L14	01S	93S	.018	20	6
PDSP1881	IS231A-324-XXX-R27-L14	01S	93S	.018	20	6
PDSP1882	IS231A-324-XXX-R27-L14	01S	93S	.018	20	6
PDSP1883	IS231A-324-XXX-R27-L14	01S	93S	.018	20	6
PDSP1884	IS231A-324-XXX-R27-L14	01S	93S	.018	20	6
PDSP2110	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
PDSP2111	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
PDSP2112	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
PDSP2113	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
PDSP2114	IS229-628-XXX-R27-L14	01S	93S	.018	28	8
PL T4 NSB	R056-0403-01T-XXX-G10-L14	C2	-	.018	3	4
PL450B	R056-0403-01N-XXX-R27-L14	400T4	414T4	.012	2	3
PL515	R056-0403-01N-XXX-R27-L14	400T4	414T4	.012	2	3
PL520	R056-0403-01N-XXX-R27-L14	400T4	414T4	.012	2	3
PL520B	R056-0403-01N-XXX-R27-L14	400T4	414T4	.012	2	3
PLP520-B1	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
PLP520-B2	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
PLT5-488	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
PLT5-520-B1-2-3	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
PLT5-520-B4-5-6	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
PLTB450	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
PLTB450B	R080-0403-01N-XXX-R27-L14	274K	281K	.018	1	3
SCD55100A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCD55101A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCD55102A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCD55103A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCD55104A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCD5580A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCD5581A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCD5582A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCD5583A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCD5584A	IS231A-312-XXX-R27-L14	01S	93S	.018	16	6
SCDQ5541P/Q/R	421-05-XXX-R27-L14	01S	93S	.018	12	5
SCDQ5542P/Q/R	421-05-XXX-R27-L14	01S	93S	.018	12	5
SCDQ5543P/Q/R	421-05-XXX-R27-L14	01S	93S	.018	12	5
SCDQ5544P/Q/R	421-05-XXX-R27-L14	01S	93S	.018	12	5
SCDV5540	IS229-314-XXX-R27-L14	01S	93S	.018	18	6
SCDV5541	IS229-314-XXX-R27-L14	01S	93S	.018	18	6
SCDV5542	IS229-314-XXX-R27-L14	01S	93S	.018	18	6
SCDV5543	IS229-314-XXX-R27-L14	01S	93S	.018	18	6
SCDV5544	IS229-314-XXX-R27-L14	01S	93S	.018	18	6
SCE5780	IS231B-312-XXX-R27-L14	01S	93S	.018	17	6
SCE5781	IS231B-312-XXX-R27-L14	01S	93S	.018	17	6

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

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OSRAM Opto Semiconductors GmbH Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
SCE5782	IS231B-312-XXX-R27-L14	01S	93S	.018	17	6
SCE5783	IS231B-312-XXX-R27-L14	01S	93S	.018	17	6
SCE5784	IS231B-312-XXX-R27-L14	01S	93S	.018	17	6
SCE5785	IS231B-312-XXX-R27-L14	01S	93S	.018	17	6
SCE5786	IS231B-312-XXX-R27-L14	01S	93S	.018	17	6
SFH 203 P	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 203 PFA	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 205 F	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 205 FA	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 206 K	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 213	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 213 FA	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 225 FA	405-02-XXX-R27-L14	01S	93S	.018	5	4
SFH 229	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 229 FA	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 2302	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 2332	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 235 FA	405-02-XXX-R27-L14	01S	93S	.018	8	4
SFH 305	405-02-XXX-R27-L14	01S	93S	.018	8	4
SFH 4350	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 4550	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 4555	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 4556	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 4850 E7800	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SFH 5110	405-03-XXX-R27-L14	01S	93S	.018	10	5
SFH 5140	405-03-XXX-R27-L14	01S	93S	.018	10	5
SFH 5141 F	405-03-XXX-R27-L14	01S	93S	.018	10	5
SFH 5840	R100-0403-06T-XXX-R27-L14	75S	265S	.018	6	4
SFH 9315	IS229-404-XXX-R27-L14	01S	93S	.018	14	5
SPH 5841	R100-0403-06T-XXX-R27-L14	75S	265S	.018	6	4
SPL 2F81-2S	405-03-XXX-R27-L14	01S	93S	.018	10	5
SPL 2F81-2S-105	405-03-XXX-R27-L14	01S	93S	.018	10	5
SPL 2F94-2S	405-03-XXX-R27-L14	01S	93S	.018	10	5
SPL 2Y81-2S	405-03-XXX-R27-L14	01S	93S	.018	10	5
SPL 2Y94-2S	405-03-XXX-R27-L14	01S	93S	.018	10	5
SPL LG81	405-03-XXX-R27-L14	295V	439V	.018	11	5
SPL LG81-P	405-03-XXX-R27-L14	295V	439V	.018	11	5
SPL LL85	405-03-XXX-R27-L14	01S	93S	.018	10	5
SPL LL90	405-03-XXX-R27-L14	01S	93S	.018	10	5
SPL PL85	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SPL PL90	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SPL PL90_0	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SPL PL90_0-B	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	4
SPL PL90_3	R100-0402-06T-XXX-R27-L14	75S	265S	.018	5	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.

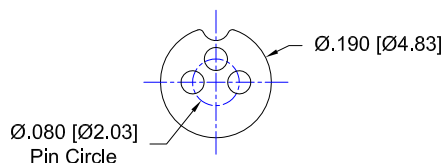


FIG. 1

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

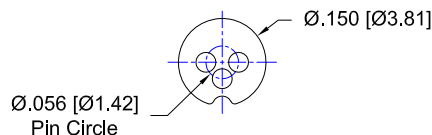


FIG. 2

Thru-Hole: R056-0403-01N-400T4-R27-L14
Surface Mount: R056-0403-01N-414T4-R27-L14

OSRAM Opto Semiconductors SOCKETS Continued

Top View Shown

Units: in [mm]

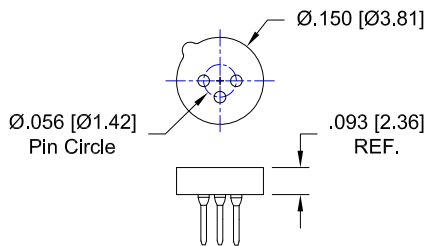


Fig. 3

Thru-Hole: R056-0403-01T-**C2**-G10-L14
Surface Mount: NOT AVAILABLE

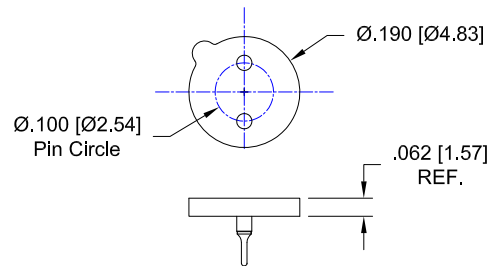


Fig. 4

Thru-Hole: R100-0402-06T-**274K**-R27-L14
Surface Mount: R100-0402-06T-**281K**-R27-L14

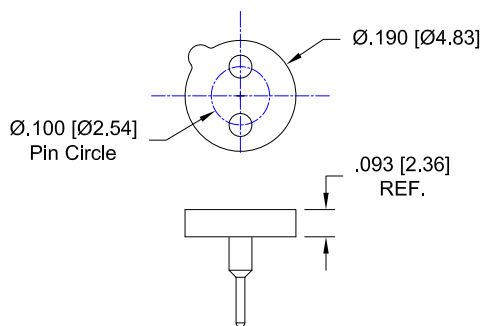


Fig. 5

Thru-Hole: R100-0402-06T-**75S**-R27-L14
Surface Mount: R100-0402-06T-**265S**-R27-L14

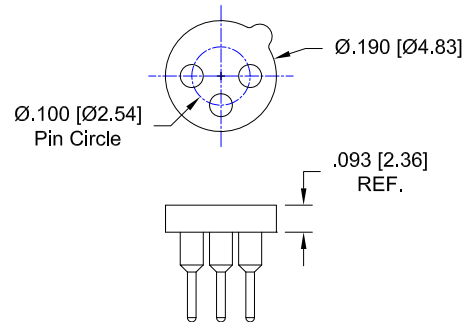


Fig. 6

Thru-Hole: R100-0403-06T-**75S**-R27-L14
Surface Mount: R100-0403-06T-**265S**-R27-L14

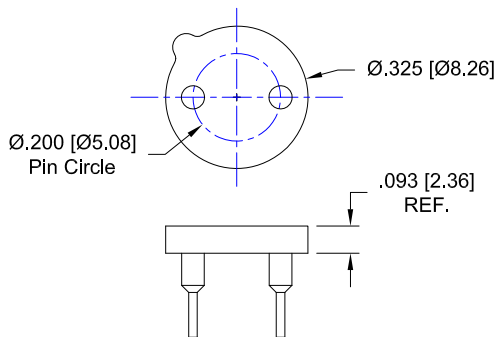


Fig. 7

Thru-Hole: R200-0402-02T-**01S**-R27-L14
Surface Mount: R200-0402-02T-**93S**-R27-L14

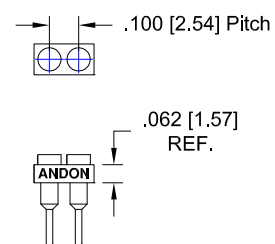


Fig. 8

Thru-Hole: 405-02-**01S**-R27-L14
Surface Mount: 405-02-**93S**-R27-L14

OSRAM Opto Semiconductors SOCKETS *Continued*

Top View Shown

Units: in [mm]

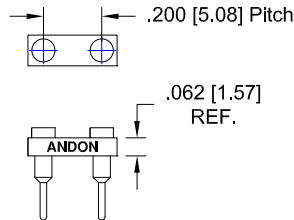


Fig. 9

Thru-Hole: 303-00556-01S-R27-L14-B10
Surface Mount: 303-00556-93S-R27-L14-B10

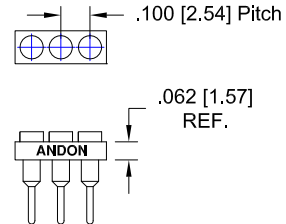


Fig. 10

Thru-Hole: 405-03-01S-R27-L14
Surface Mount: 405-03-93S-R27-L14

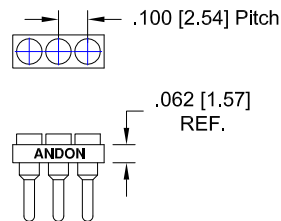


Fig. 11

Thru-Hole: 405-03-295V-R27-L14
Surface Mount: 405-03-439V-R27-L14

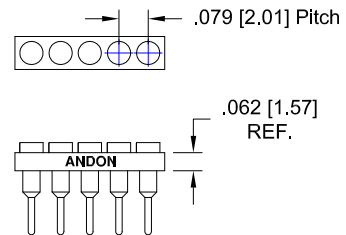


Fig. 12

Thru-Hole: 421-05-01S-R27-L14
Surface Mount: 421-05-93S-R27-L14

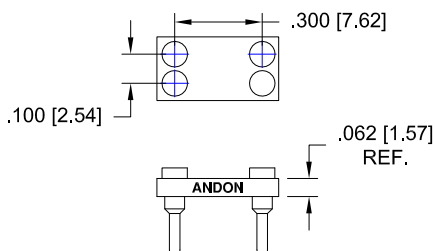


Fig. 13

Thru-Hole: IS229-304-295V-R27-L14
Surface Mount: IS229-304-439V-R27-L14

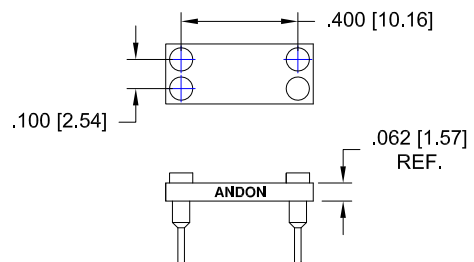


Fig. 14

Thru-Hole: IS229-404-01S-R27-L14
Surface Mount: IS229-404-93S-R27-L14

OSRAM Opto Semiconductors SOCKETS Continued

Top View Shown

Units: in [mm]

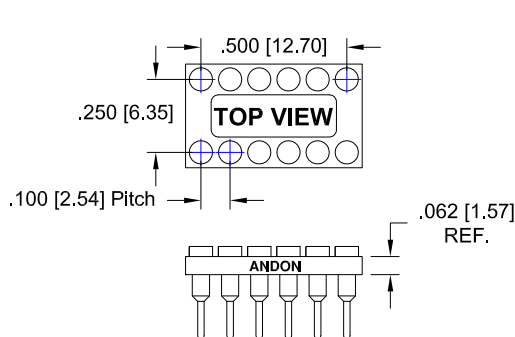


Fig. 15

Thru-Hole: IS229-25012-01S-R27-L14
Surface Mount: IS229-25012-93S-R27-L14

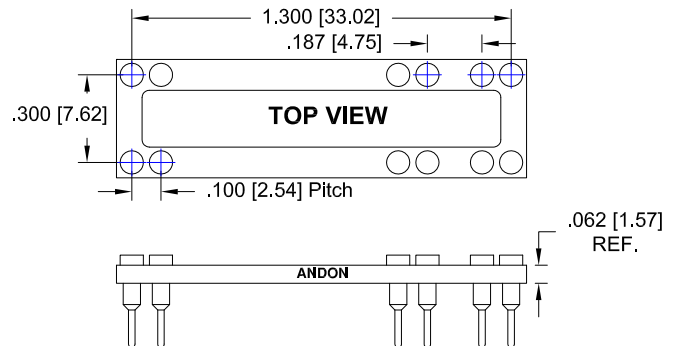


Fig. 16

Thru-Hole: IS231A-312-01S-R27-L14
Surface Mount: IS231A-312-93S-R27-L14

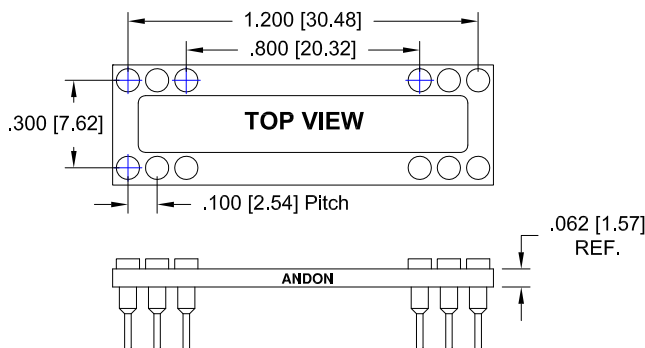


Fig. 17

Thru-Hole: IS231B-312-01S-R27-L14
Surface Mount: IS231B-312-93S-R27-L14

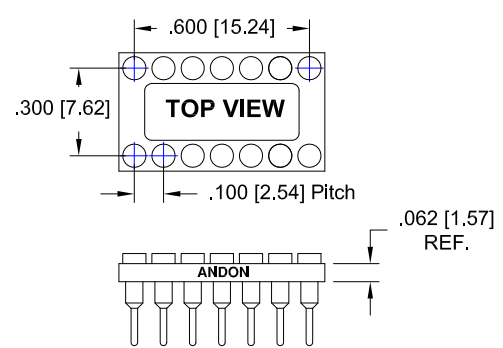


Fig. 18

Thru-Hole: IS229-314-01S-R27-L14
Surface Mount: IS229-314-93S-R27-L14

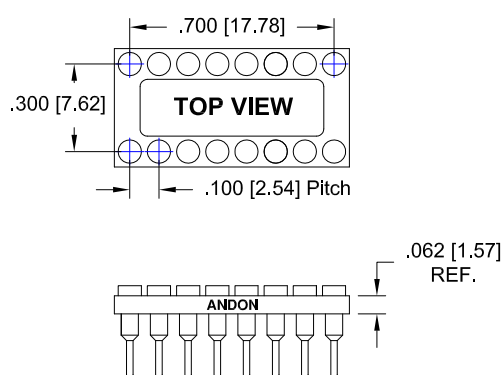


Fig. 19

Thru-Hole: IS229-316-01S-R27-L14
Surface Mount: IS229-316-93S-R27-L14

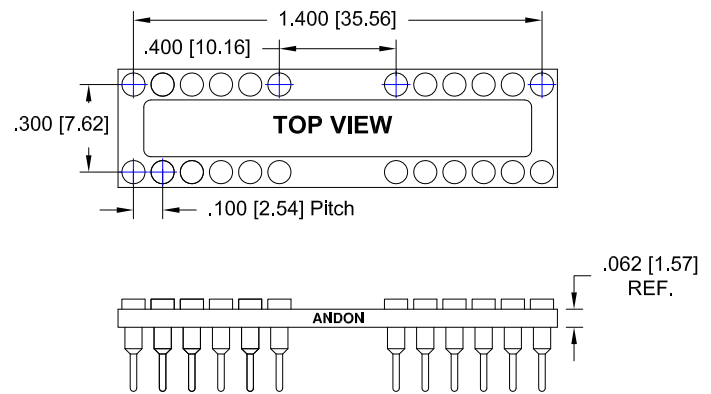


Fig. 20

Thru-Hole: IS231A-324-01S-R27-L14
Surface Mount: IS231A-324-93S-R27-L14

OSRAM Opto Semiconductors SOCKETS Continued

Top View Shown
Units: in [mm]

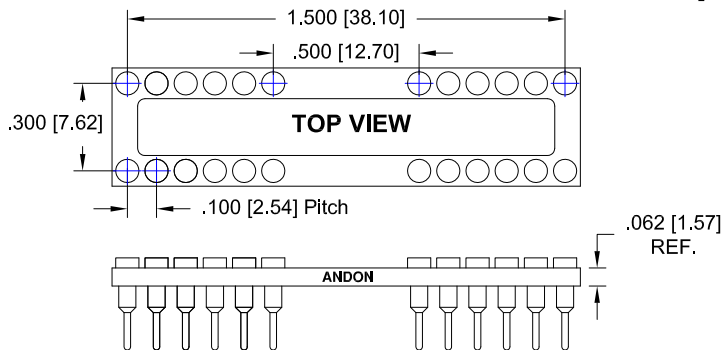


Fig. 21

Thru-Hole: IS231B-324-01S-R27-L14
Surface Mount: IS231B-324-93S-R27-L14

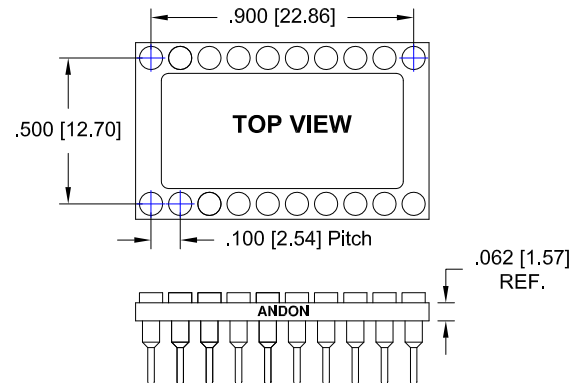


Fig. 22

Thru-Hole: IS229-520-01S-R27-L14
Surface Mount: IS229-520-93S-R27-L14

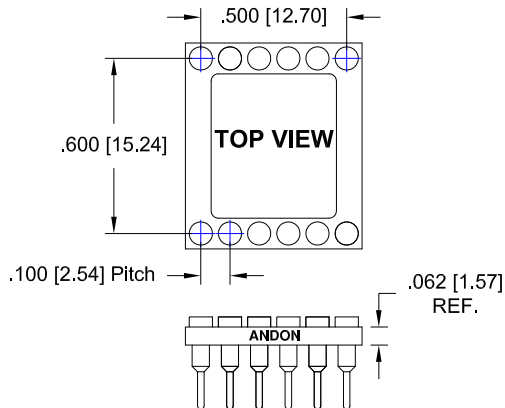


Fig. 23

Thru-Hole: IS229-612-01S-R27-L14
Surface Mount: IS229-612-93S-R27-L14

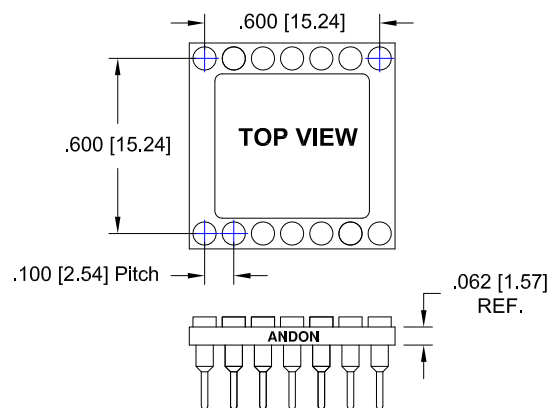


Fig. 24

Thru-Hole: IS229-614-01S-R27-L14
Surface Mount: IS229-614-93S-R27-L14

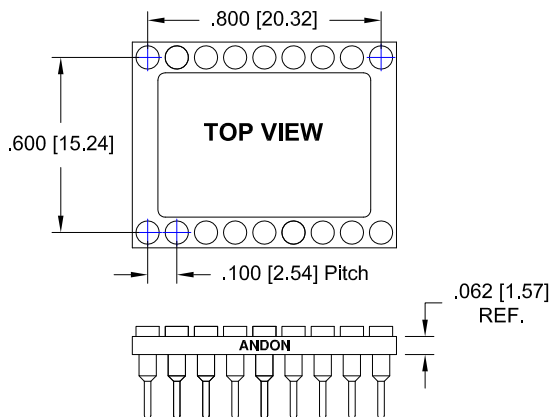


Fig. 25

Thru-Hole: IS229-618-01S-R27-L14
Surface Mount: IS229-618-93S-R27-L14

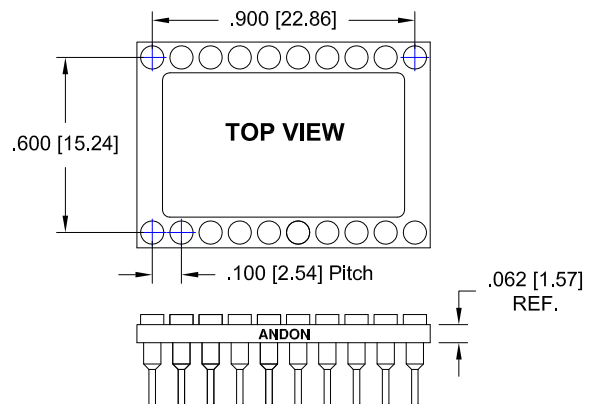


Fig. 26

Thru-Hole: IS229-620-01S-R27-L14
Surface Mount: IS229-620-93S-R27-L14

OSRAM Opto Semiconductors SOCKETS Continued

Top View Shown

Units: in [mm]

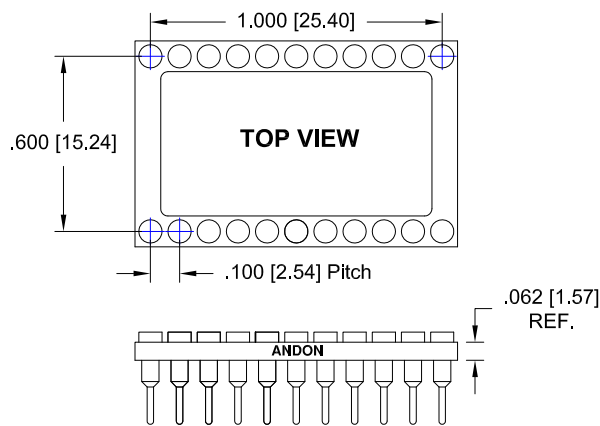


Fig. 27

Thru-Hole: IS229-622-01S-R27-L14
Surface Mount: IS229-620-93S-R27-L14

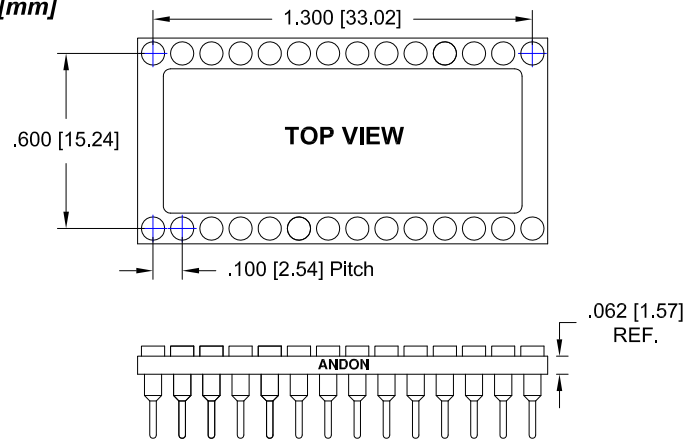
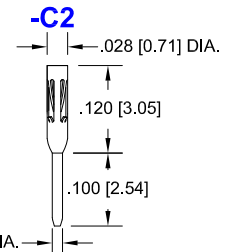
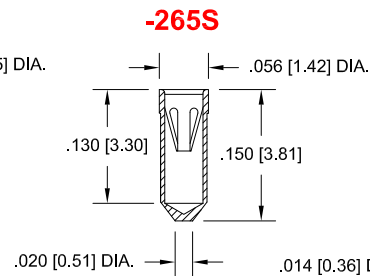
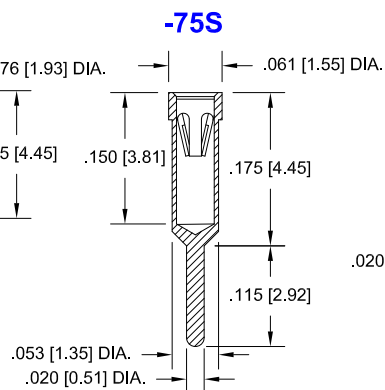
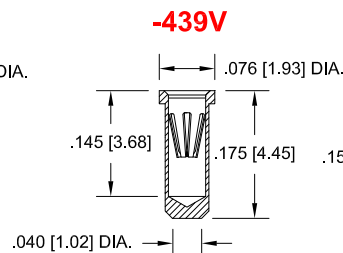
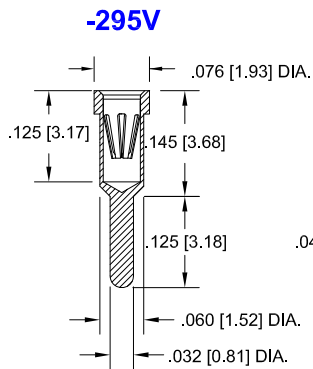
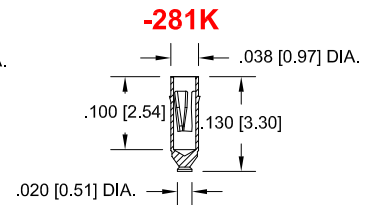
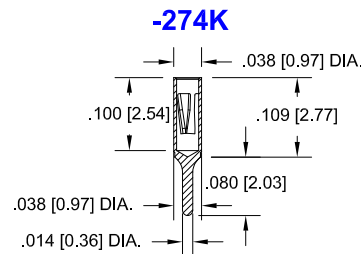
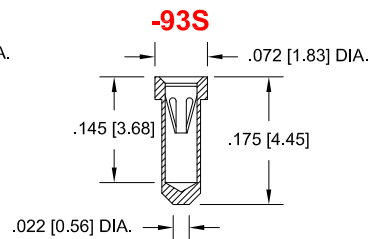
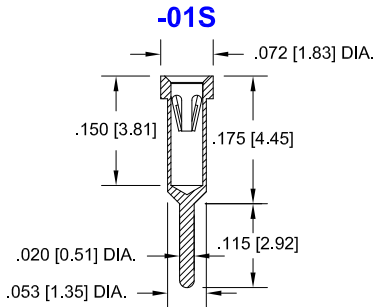


Fig. 28

Thru-Hole: IS229-628-01S-R27-L14
Surface Mount: IS229-628-93S-R27-L14

OSRAM Opto Semiconductors SOCKETS Continued

Socket Terminal Details Cross Section View Shown Units: in [mm]

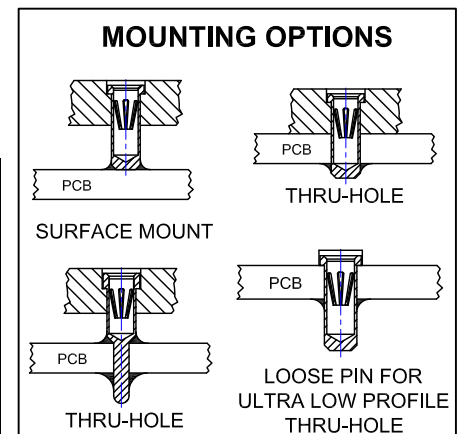


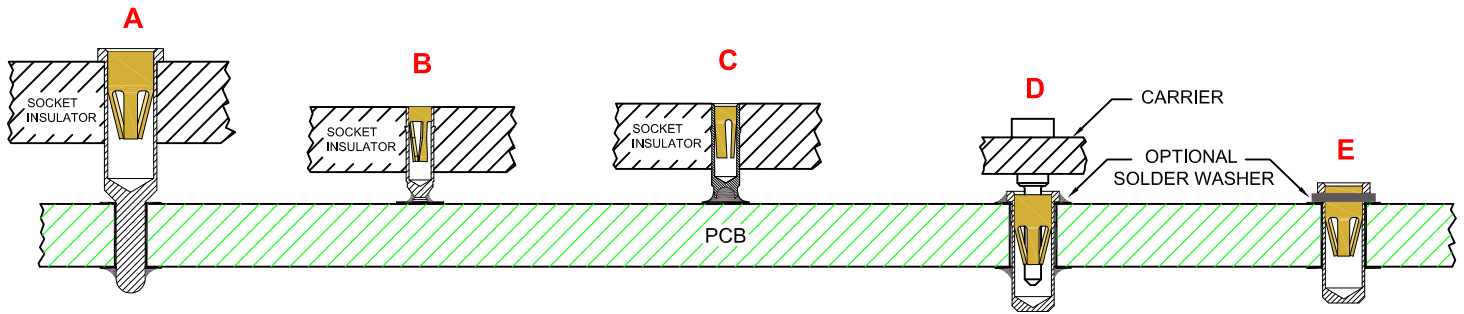
Material:

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

Plating: RoHS COMPLIANT
R27 TERMINAL: GOLD / CONTACT: GOLD
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
-274K	Ø.018 [Ø0.46]	1.0 oz Max	0.5 oz Min	-281K	Ø.018 [Ø0.46]	1.0 oz Max	0.5 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
-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
-C2	Ø.018 [Ø0.46]	1.5 oz Max	0.4 oz Min				





**THRU-HOLE
SOCKET**

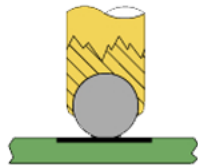
SMD-SOCKET

**SMD
ROLLERBALL®
SOCKET
(PATENTED)**

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

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

**ROLLERBALL®
SOCKET**



BEFORE SOLDERING

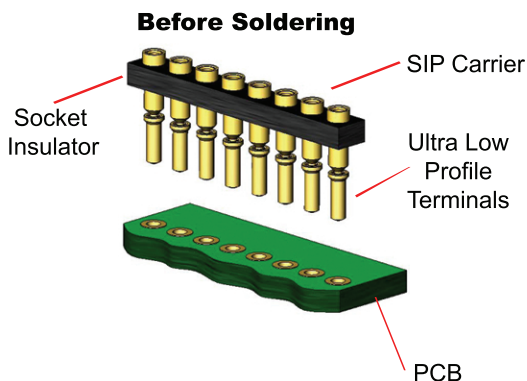
**ROLLERBALL®
SOCKET**



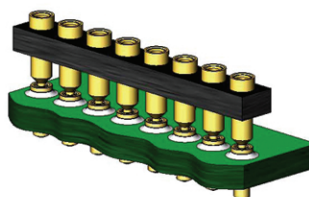
AFTER SOLDERING

A more reliable solder joint for surface mount applications !

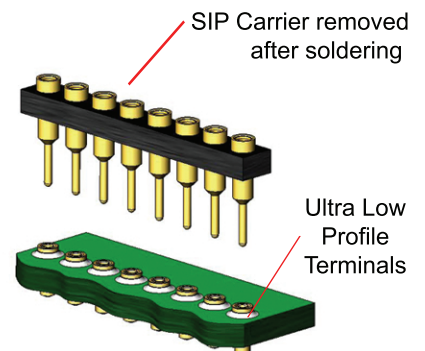
ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY See 'D' above



During Soldering



After Soldering



Available with or without solder washer