



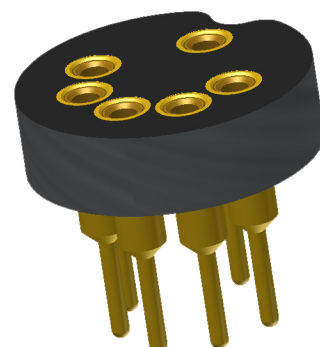
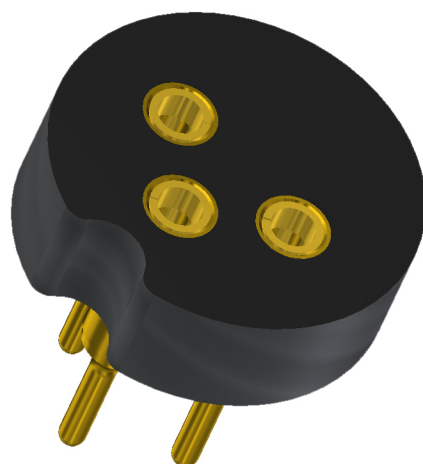
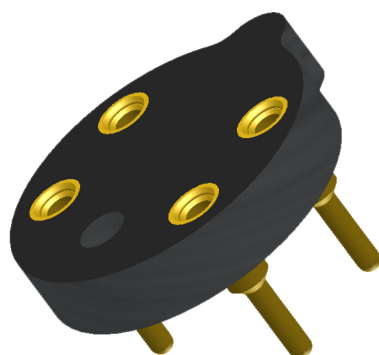
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INTERCONNECTION SPECIALISTS



RoHS Compliant
ISO 9001
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HIGH RELIABILITY OPTOELECTRONIC SOCKETS FOR

 *National
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National Semiconductor						
National Semiconductor Part Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
K02A	F430-SP02-01-XXX-R27-L14	433E	285E	.040	6	2
K02B	F430-SP02-01-XXX-R27-L14	436P55	440P55	.060	14	3
K02C	F430-SP02-01-XXX-R27-L14	433E	285E	.040	6	2
KC02A	F430-SP02-01-XXX-R27-L14	433E	285E	.040	6	2
K04A	F470-SP04-01-XXX-R27-L14	433E	285E	.040	5	2
KA04B	F470-SP04-01-XXX-R27-L14	433E	285E	.040	5	2
K08A	F500-SP09-01-XXX-R27-L14	433E	285E	.040	12	3
KA15A	F600-SP15-01-XXX-R27-L14	295V	439V	.030	11	3
H0G6C	R200-0806-04T-XXX-R27-L14	75S	265S	.018	10	2
H08A	R230-0808-01T-XXX-R27-L14	75S	265S	.018	8	2
H08C	R200-0808-01T-XXX-R27-L17	75S	265S	.018	2	1
H10C	R230-1010-03T-XXX-R27-L14	211S	265S	.018	4	1
H03C	R100-0403-06T-XXX-R27-L14	75S	265S	.018	13	3
H03A	R200-0403-03T-XXX-R27-L14	01S	93S	.018	9	2
H03B	R200-0403-03T-XXX-R27-L14	01S	93S	.018	9	2
HA04E	R200-0404-01T-XXX-R27-L14	01S	93S	.018	7	2
H02A	R100-0402-06T-XXX-R27-L14	75S	265S	.018	1	1
H03H	R100-0403-06T-XXX-R27-L14	75S	265S	.018	13	3
H04A	R100-0404-02T-XXX-R27-L14	75S	265S	.018	3	1
H04D	R100-0404-02T-XXX-R27-L14	75S	265S	.018	3	1
H03J	R100-0403-06T-XXX-R27-L14	75S	265S	.018	13	3
H04C	R100-0404-02T-XXX-R27-L14	75S	265S	.018	3	1

Heat sink socket available to reduce heat and noise. Contact Andon for details.

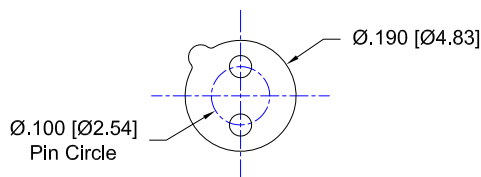


Fig. 1

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

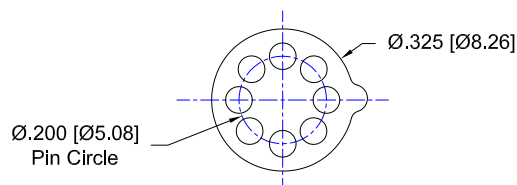


Fig. 2

Thru-Hole: R200-0808-01T-**75S**-R27-L14
Surface Mount: R200-0808-01T-**265S**-R27-L14

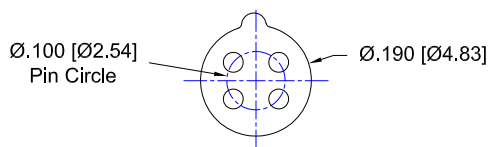


Fig. 3

Thru-Hole: R100-0404-02T-**75S**-R27-L14
Surface Mount: R100-0404-02T-**265S**-R27-L14

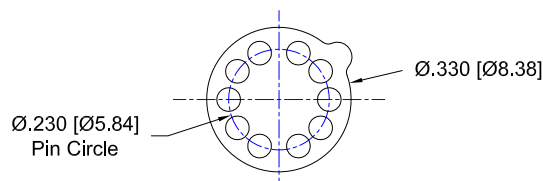


Fig. 4

Thru-Hole: R230-1010-03T-**211S**-R27-L14
Surface Mount: R230-1010-03T-**265S**-R27-L14

NATIONAL SEMICONDUCTOR *Continued*

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

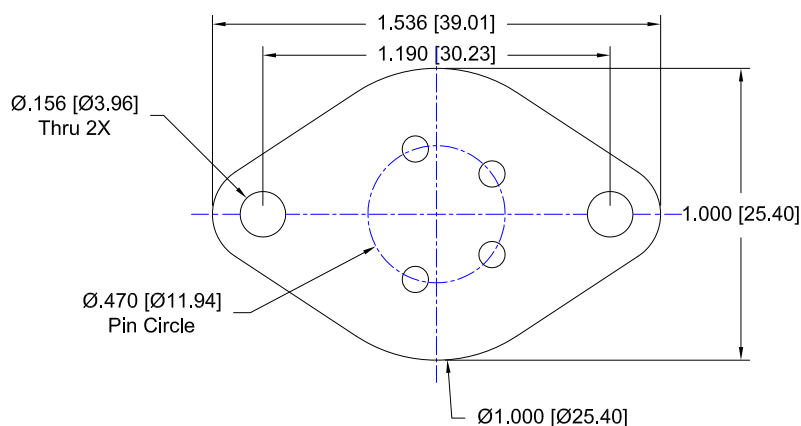


Fig. 5

Thru-Hole: F470-SP04-01-**433E**-R27-L14
Surface Mount: F470-SP04-01-**285E**-R27-L14

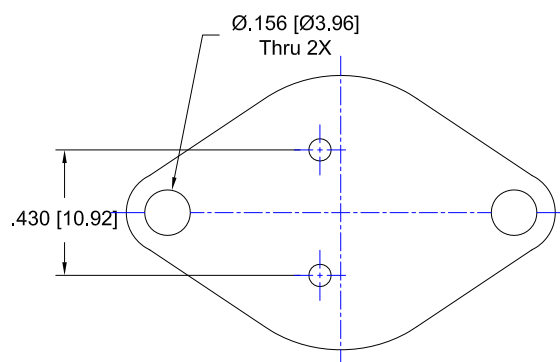


Fig. 6

Thru-Hole: F430-SP02-01-**295V**-R27-L14
Surface Mount: F430-SP02-01-**439V**-R27-L14

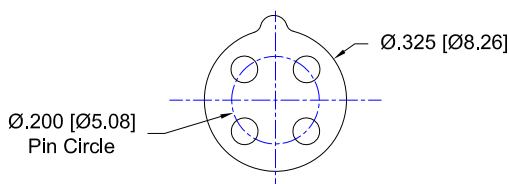


Fig. 7

Thru-Hole: R200-0404-01T-**01S**-R27-L14
Surface Mount: R200-0404-01T-**93S**-R27-L14

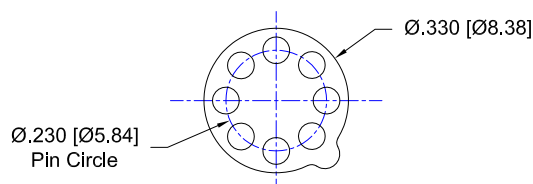


Fig. 8

Thru-Hole: R230-0808-01T-**75S**-R27-L14
Surface Mount: R230-0808-01T-**265S**-R27-L14

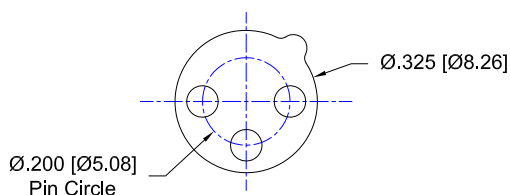


Fig. 9

Thru-Hole: R200-0403-03T-**01S**-R27-L14
Surface Mount: R200-0403-03T-**93S**-R27-L14

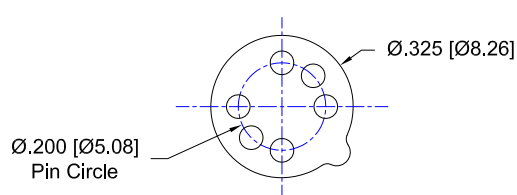


Fig. 10

Thru-Hole: R200-0806-04T-**75S**-R27-L14
Surface Mount: R200-0806-04T-**265S**-R27-L14

NATIONAL SEMICONDUCTOR *Continued*

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

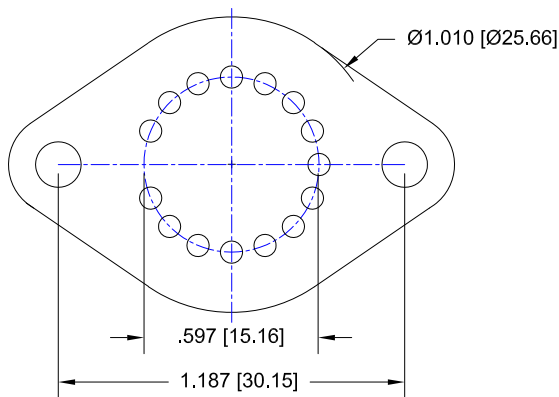


Fig. 11

Thru-Hole: F600-SP15-01-295V-R27-L14
Surface Mount: F600-SP15-01-439V-R27-L14

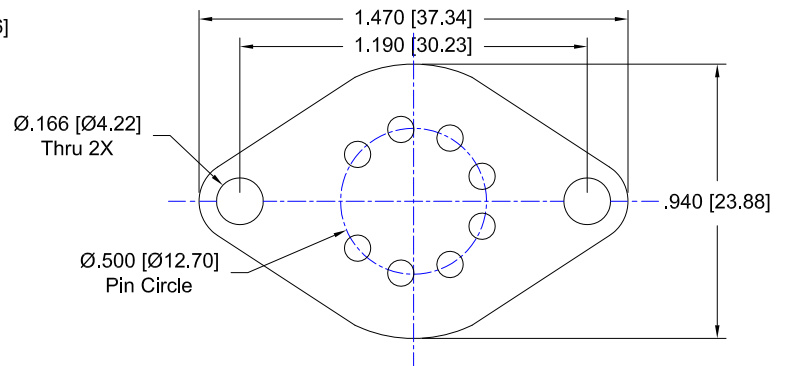


Fig. 12

Thru-Hole: F500-SP09-01-433E-R27-L14
Surface Mount: F500-SP09-01-285E-R27-L14

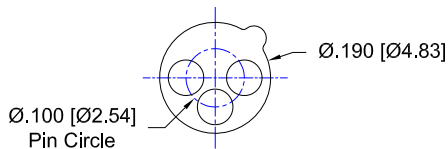


Fig. 13

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

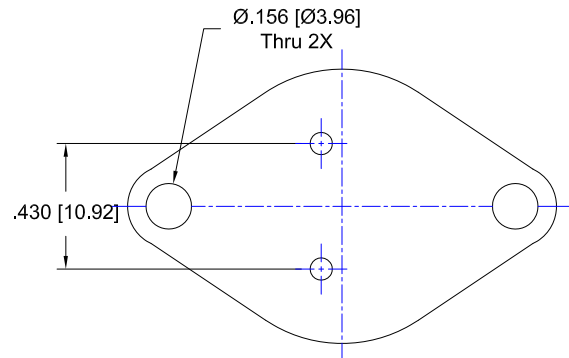
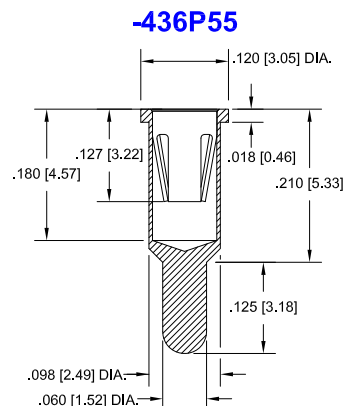
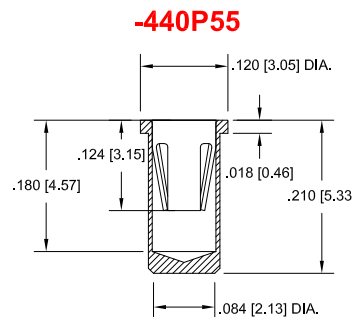


Fig. 14

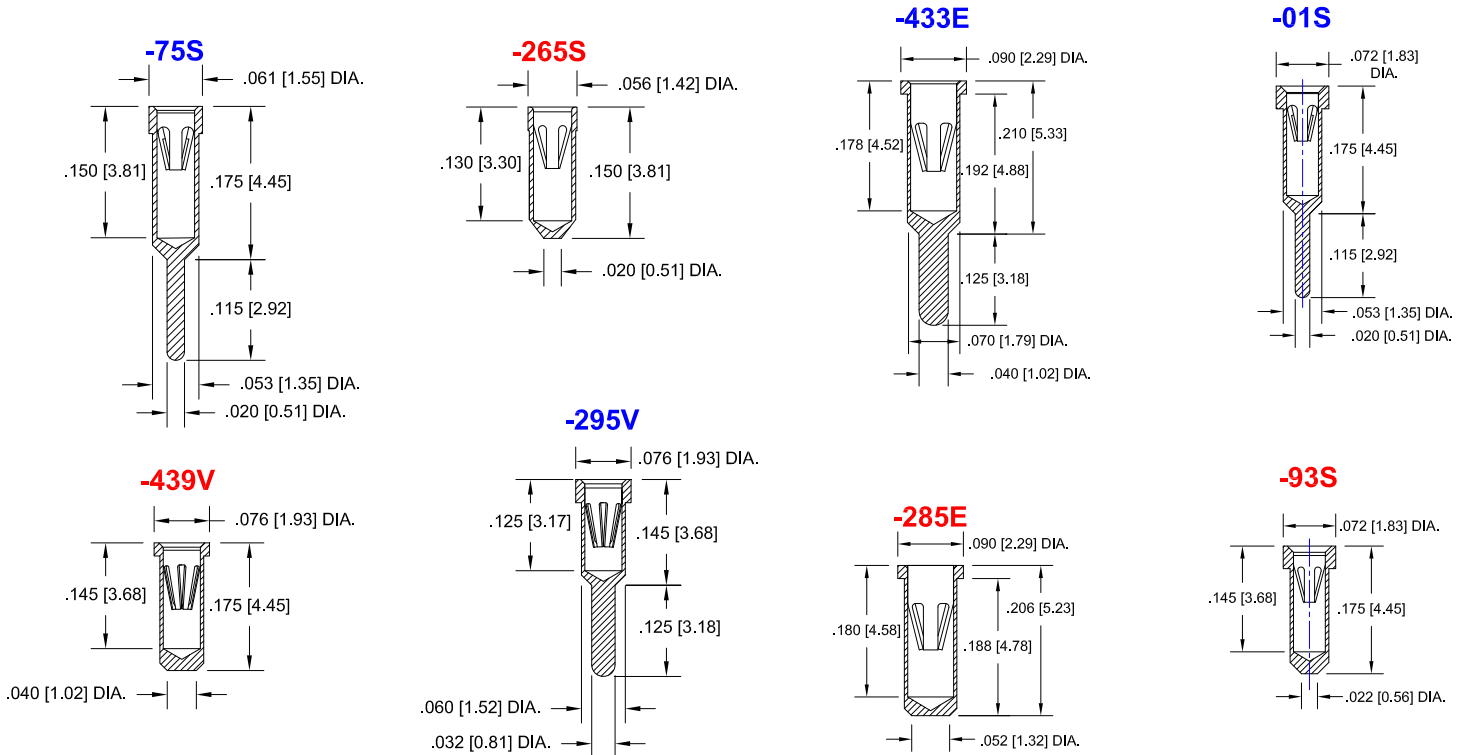
Thru-Hole: F430-SP02-01-436P55-R27-L14
Surface Mount: F430-SP02-01-440P55-R27-L14

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



NATIONAL SEMICONDUCTOR *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

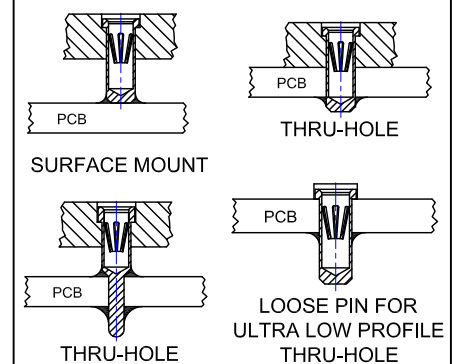
R27 TERMINAL: GOLD / CONTACT: GOLD

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
-436P55	Ø.060 [Ø1.52]	15.5 oz Avg.	2.1 oz Min	-440P55	Ø.060 [Ø1.52]	15.5 oz Avg.	2.1 oz Min
-433E	Ø.040 [Ø1.02]	36.0 oz Avg.	3.9 oz Min	-285E	Ø.040 [Ø1.52]	36.0 oz Avg.	3.9 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 Avg.	3.5 oz Min	-439V	Ø.030 [Ø0.76]	13.2 oz Avg.	3.5 oz Min
-211S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min	-384S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min
-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

MOUNTING OPTIONS



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RoHS Compliant

*Sockets are not drawn to scale NATIONAL SEMICONDUCTORS 12/22/2015

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