

PERKIN ELMER, INC.						
PERKIN ELMER, INC. Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
TPS 1T 0134	R230-0806-05T-XXX-R27-L14	211S	384S	.018	1	2
TPS 1T 0136 L5.5	R230-0806-05T-XXX-R27-L14	211S	384S	.018	1	2
TPS 1T 0136 IRA	R230-0806-05T-XXX-R27-L14	211S	384S	.018	1	2
PYD 1096	R230-0806-05T-XXX-R27-L14	211S	384S	.018	1	2
TPID 23B	R100-0404-02T-XXX-R27-L14	75S	265S	.018	3	2
TPD 333	R100-0404-02T-XXX-R27-L14	75S	265S	.018	3	2
TPID 33B	R100-0404-02T-XXX-R27-L14	75S	265S	.018	3	2
TPD 733	R100-0404-02T-XXX-R27-L14	75S	265S	.018	3	2
TPD 232	R100-0404-02T-XXX-R27-L14	75S	265S	.018	3	2
PYD5131	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYD5731	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
TPD230	R070-0404-01N-XXX-R27-L14	400T4	414T4	.012	5	2
TPD 2T 0625	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
PYQ1098	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
TPD 1T 0515	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
TPD 1T 0625	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
TPD 1T 0216 IRA	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
TPD 1T 0216 L5.5	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
TPD 1T 0214	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
TPD 1T 0514	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
TPD 1T 0624	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
LHI 1148	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
PYQ 1488	R200-0404-01T-XXX-R27-L14	01S	93S	.018	2	2
PYS 3789	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYS 3228	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
LHI 807	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYQ 5868	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYQ 2898	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
LHI 968	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYD 1398	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
LHI 778	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYD 1978	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
LHI 878	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYD 1388	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYD 1988	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYD 1998	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYS 3828	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYS 3428	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYS 4198	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
LHI 1128	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
PYQ 1398	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
LHI 874	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
LHI 944	R200-0403-03T-XXX-R27-L14	01S	93S	.018	4	2
TPIS 1S 0133	620-08A-SM-G10-L14-X	-	-	-	6	3
TPIS 1S 0133 FM	620-08A-SM-G10-L14-X	-	-	-	6	3
TPID 1S 0121	632D-06-SM-G10-L14-X	-	-	-	7	3
TPID 1S 0121 FM	632D-06-SM-G10-L14-X	-	-	-	7	3
HL2048P	IS229-420-XXX-R29-L14	01S	93S	.018	8	3
HL4096P	IS231-428-XXX-R29-L14	01S	93S	.018	10	4
RA1133J	IS229-1330-XXX-R29-L14	01M	93M	.018	11	4
RL0512P	IS229-420-XXX-R29-L14	01S	93S	.018	8	3
RL1024P	IS229-420-XXX-R29-L14	01S	93S	.018	8	3
RL1201	IS229-422-XXX-R29-L14	01S	93S	.018	9	3
RL1202	IS229-422-XXX-R29-L14	01S	93S	.018	9	3
RL1205	IS229-422-XXX-R29-L14	01S	93S	.018	9	3
RL1501	IS229-422-XXX-R29-L14	01S	93S	.018	9	3
PT1109AAQ	IS229-432-XXX-R29-L14	80S	93S	.018	12	4
RL1502	IS229-422-XXX-R29-L14	01S	93S	.018	9	3
RL1505	IS229-422-XXX-R29-L14	01S	93S	.018	9	3
RL2048P	IS229-420-XXX-R29-L14	01S	93S	.018	8	3

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*Sockets are not drawn to scale PERKIN ELMER, INC. 03/06/2015

PERKIN ELMER, INC. Continued

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

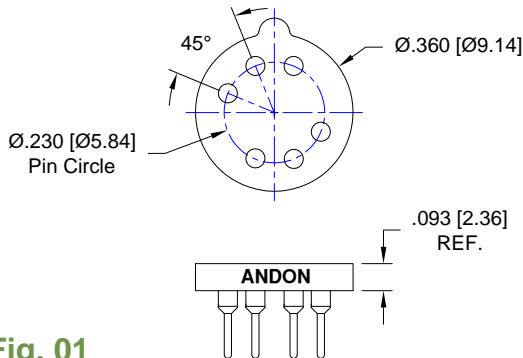


Fig. 01
Thru-Hole: R230-0806-05T-**211S**-R27-L14
Surface Mount: R230-0806-05T-**384S**-R27-L14

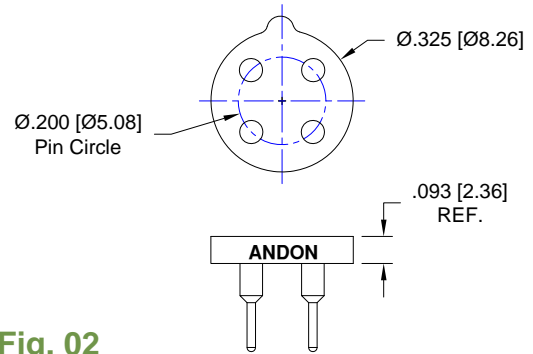


Fig. 02
Thru-Hole: R200-0404-01T-**01S**-R27-L14
Surface Mount: R200-0404-01T-**93S**-R27-L14

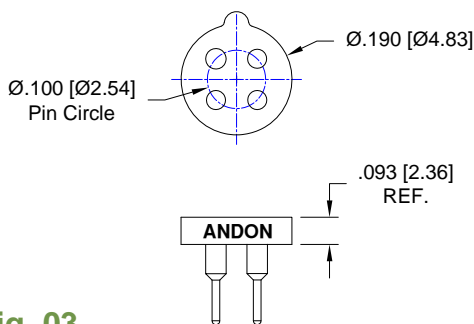


Fig. 03
Thru-Hole: R100-0404-02T-**75S**-R27-L14
Surface Mount: R100-0404-02T-**265S**-R27-L14

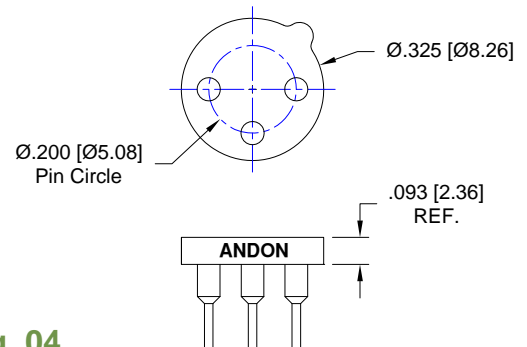


Fig. 04
Thru-Hole: R200-0403-03T-**01S**-R27-L14
Surface Mount: R200-0403-03T-**93S**-R27-L14

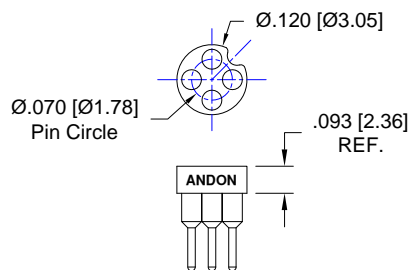


Fig. 05
Thru-Hole: R070-0404-01N-**400T4**-R27-L14
Surface Mount: R070-0404-01N-**414T4**-R27-L14

PERKIN ELMER, INC. Continued

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

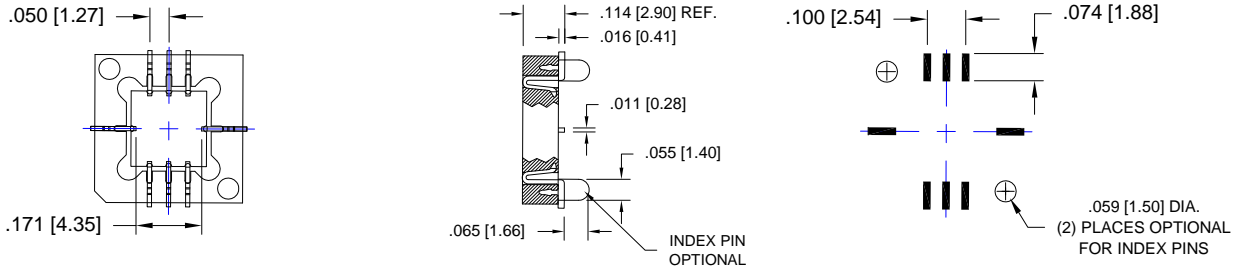


Fig. 06

Thru-Hole: N/A
Surface Mount: 620-08A-SM-G10-L14-X

Replace "-X" with "-1" for index pins or "-0" for none

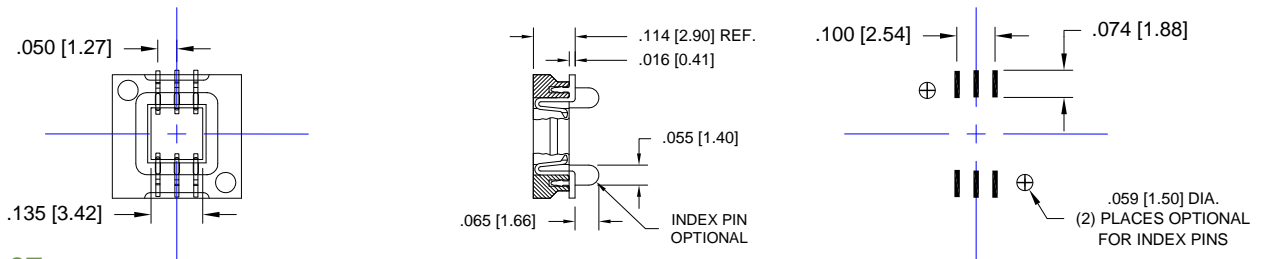


Fig. 07

Thru-Hole: N/A
Surface Mount: 632-06-SM-G10-L14-X

Replace "-X" with "-1" for index pins or "-0" for none

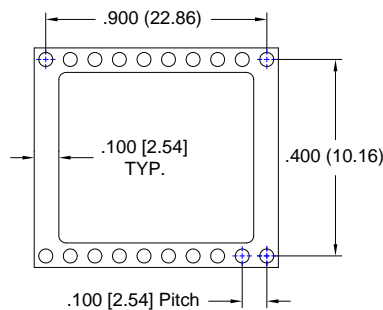


Fig. 08

Thru-Hole: IS229-420-01S-R29-L14
Surface Mount: IS229-420-93S-R29-L14

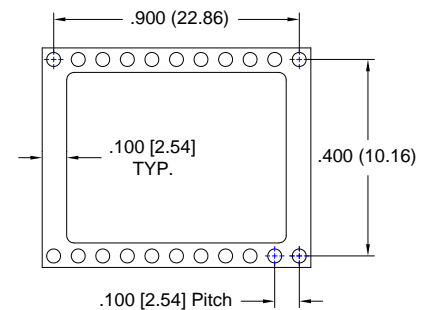


Fig. 09

Thru-Hole: IS229-422-01S-R29-L14
Surface Mount: IS229-422-93S-R29-L14

PERKIN ELMER, INC. Continued

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

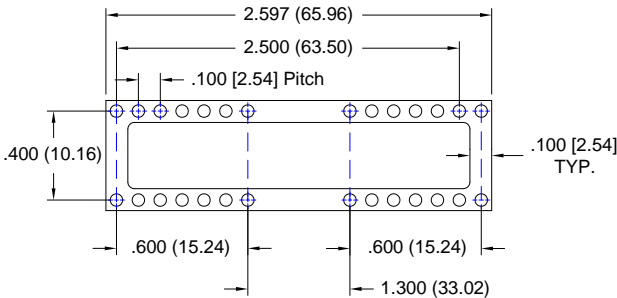


Fig. 10
Thru-Hole: IS231-428-01S-R29-L14
Surface Mount: IS231-428-93S-R29-L14

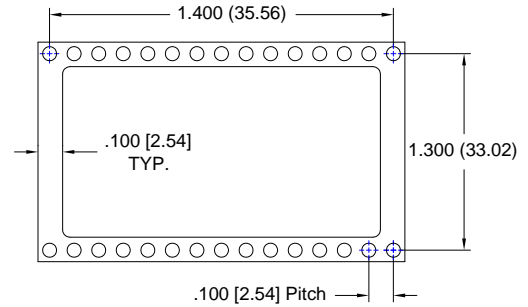


Fig. 11
Thru-Hole: IS229-1330-01M-R29-L14
Surface Mount: IS229-1330-93M-R29-L14

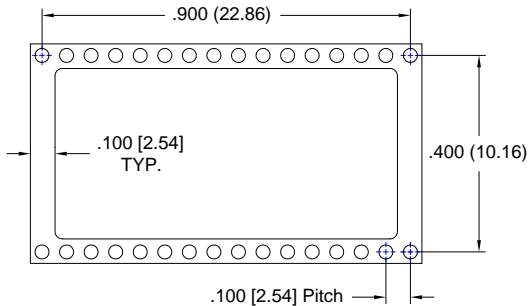
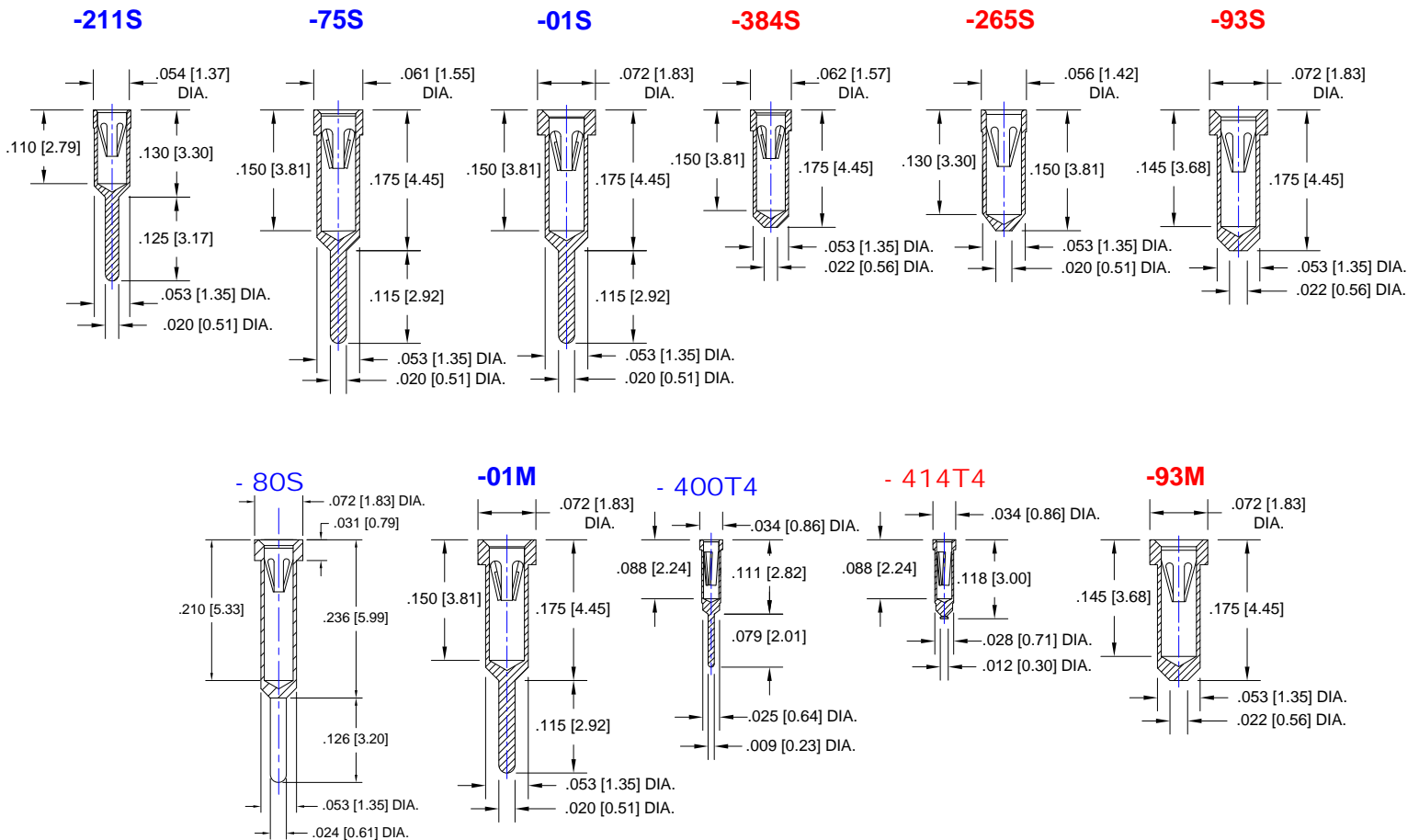


Fig. 12
Thru-Hole: IS229-432-80S-R29-L14
Surface Mount: IS229-432-93S-R29-L14

PERKIN ELMER, INC. *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

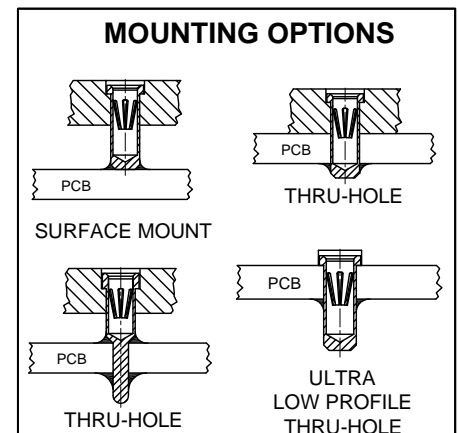
R15 TERMINAL: GOLD / CONTACT: GOLD

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
-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 Max	2.0 oz Min	-384S	Ø.018 [Ø0.46]	9.0 oz Max	2.0 oz Min
-80S	Ø.018 [Ø0.46]	9.0 oz Max	2.0 oz Min	-93S	Ø.018 [Ø0.46]	9.0 oz Max	2.0 oz Min
-211S	Ø.018 [Ø0.46]	9.0 oz Max	2.0 oz Min	-384S	Ø.018 [Ø0.46]	9.0 oz Max	2.0 oz Min
-01M	Ø.018 [Ø0.46]	1.6 oz Max	0.5 oz Min	-93M	Ø.018 [Ø0.46]	1.6 oz Max	0.5 oz Min
-400T4	Ø.012 [Ø0.30]	1.1 oz Max	0.3 oz Min	-414T4	Ø.012 [Ø0.30]	1.1 oz Max	0.3 oz Min



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