

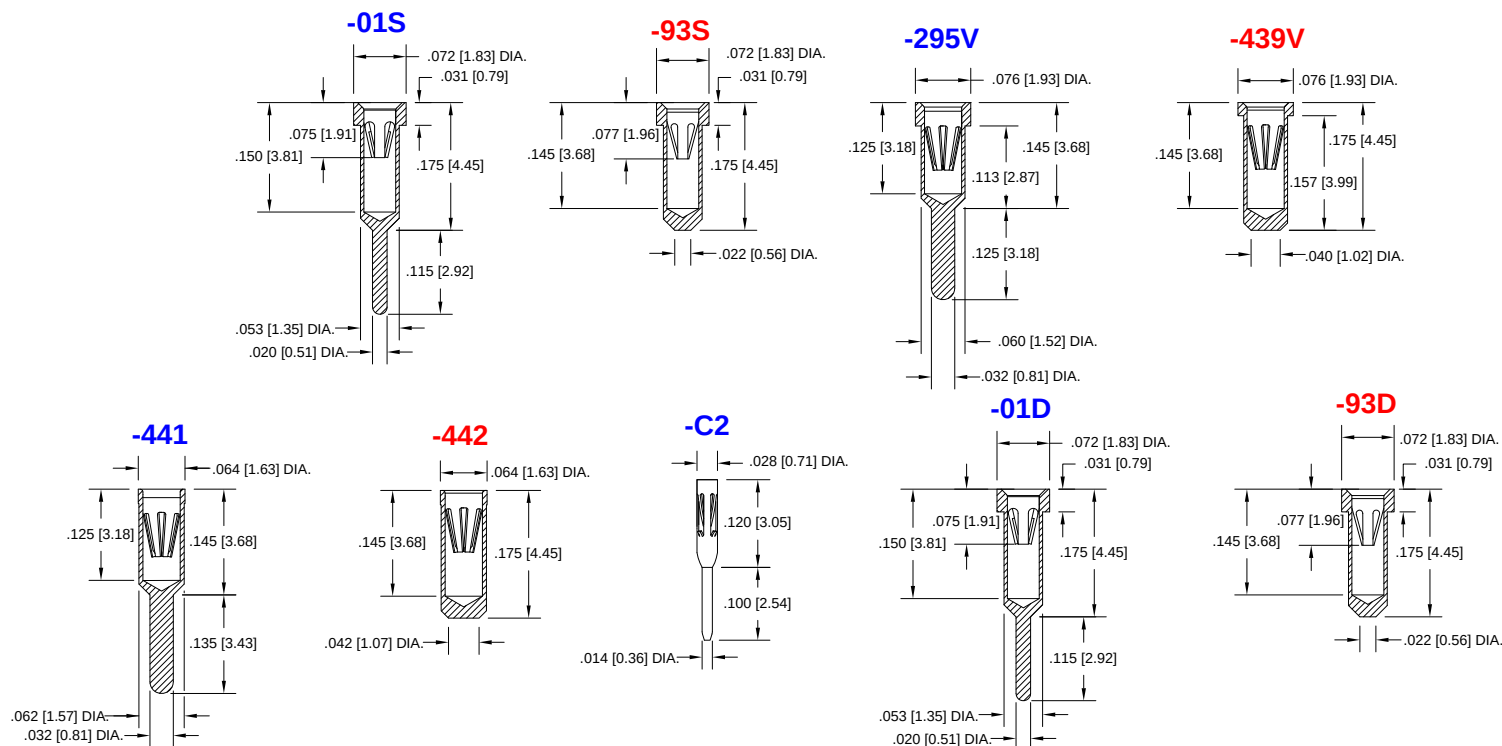
VISHAY INTERTECHNOLOGY, INC.						
VISHAY INTERTECHNOLOGY, INC. Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
CQY37N	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
IL202	C10-306-06-01-XXX-R27-L14	01S	93S	.018	9	5
IL203	C10-306-06-01-XXX-R27-L14	01S	93S	.018	9	5
P9 PIN CONFIGURATION 1	575-07-04-28-XXX-R27-L14	295V	439V	.030	15	6
P9 PIN CONFIGURATION 2	575-07-06-20-XXX-R27-L14	295V	439V	.030	17	6
P9 PIN CONFIGURATION 3	575-07-07-16-XXX-R27-L14	295V	439V	.030	18	6
P9 PIN STYLE W1	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
P9 PIN STYLE W2	409-203-XXX-R29-L14	295V	439V	.030	12	5
P9 PIN STYLE W3	C10-004-04-01-XXX-R27-L14	295V	439V	.030	10	5
P9 PIN STYLE W4	409-204-XXX-R29-L14	295V	439V	.030	13	5
T63XA	C10-003-03-01-XXX-R27-L14	01S	93S	.018	14	5
T63XB	CSP200-03-01-XXX-R27-L14	01S	93S	.018	16	6
T63YA	C10-003-03-01-XXX-R27-L14	01S	93S	.018	14	5
T63YB	CSP200-03-01-XXX-R27-L14	01S	93S	.018	16	6
T63ZA	C10-003-03-01-XXX-R27-L14	01S	93S	.018	14	5
T63ZB	CSP200-03-01-XXX-R27-L14	01S	93S	.018	16	6
TDCG10...M	C10-416-16-01-XXX-R27-L15	01S	93S	.018	7	5
TDCR10...M	C10-416-16-01-XXX-R27-L15	01S	93S	.018	7	5
TDCY10...M	C10-416-16-01-XXX-R27-L15	01S	93S	.018	7	5
TDCY1050M	C10-416-16-01-XXX-R27-L15	01S	93S	.018	7	5
TDCY1060M	C10-416-16-01-XXX-R27-L15	01S	93S	.018	7	5
TDSG3150	C10-310-10-01-XXX-R27-L14	01S	01S	.018	4	4
TDSG3160	C10-310-10-01-XXX-R27-L14	93S	93S	.018	4	4
TDSG5150	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TDSG5160	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TDSL5150	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TDSL5160	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TDSO3150	C10-310-10-01-XXX-R27-L14	01S	01S	.018	4	4
TDSO3155	C10-310-10-01-XXX-R27-L14	93S	93S	.018	4	4
TDSO3160	C10-310-10-01-XXX-R27-L14	01S	01S	.018	4	4
TDSO5150	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TDSO5160	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TDSR1050	C10-310-10-01-XXX-R27-L14	01S	01S	.018	4	4
TDSR1060	C10-310-10-01-XXX-R27-L14	93S	93S	.018	4	4
TDSR1350	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TDSR1360	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TDSY3150	C10-310-10-01-XXX-R27-L14	93S	93S	.018	4	4
TDSY3160	C10-310-10-01-XXX-R27-L14	01S	01S	.018	4	4
TDSY5150	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TDSY5160	C10-610-10-01-XXX-R27-L14	01S	93S	.018	6	4
TSHG5510	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
TSHG8200	R100-0402-01T-XXX-R27-L14	441V	442V	.030	11	5
TSHG8400	R100-0402-01T-XXX-R27-L14	441V	442V	.030	11	5
TSOP11	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5
TSOP112	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5
TSOP12	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5
TSOP13	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5
TSOP21	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP22	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP23	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP24	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP25	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP311	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5
TSOP312	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5
TSOP313	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5

VISHAY INTERTECHNOLOGY, INC.						
VISHAY INTERTECHNOLOGY, INC. Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
TSOP314	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5
TSOP315	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5
TSOP321	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP322	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP323	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP324	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP325	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP341	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP343	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP344	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP345	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP348	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP381	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP382	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP383	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP384	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP385	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP391	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP392	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP393	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP394	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP395	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP4038	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP41	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP43	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP44	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP45	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP48	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP4P38	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP58038	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP581	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP582	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP583	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP584	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP58P38	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP591	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP592	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP593	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP594	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP98	C10-004-03-01-XXX-R27-L14	01D	93D	.018	8	5
TSOP98200	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP98238	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSOP98260	C10-003-03-06-XXX-R27-L14	295V	439V	.030	2	4
TSSF4500	C10-002-02-01-XXX-R27-L14	01S	93S	.018	3	4
TSSS2600	C10-002-02-01-XXX-R27-L14	01S	93S	.018	3	4
TSTA7100	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
TSTS7500	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
TSUS4400	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
TSUS5400	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
TSUS5401	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
TSUS5402	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
VO4157	C10-306-06-01-XXX-R27-L14	01S	93S	.018	9	5
VO4158	C10-306-06-01-XXX-R27-L14	01S	93S	.018	9	5

VISHAY INTERTECHNOLOGY, INC.						
VISHAY INTERTECHNOLOGY, INC. Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
VSLB3948	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
VSLB9530S	CSP200-04-02-XXX-R27-L14	295V	439V	.030	5	4
VSLY3850	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
VSLY5850	R100-0402-02T-XXX-R27-L14	01S	93S	.018	1	4
XT49S	CSP192-02-01-XXX-R27-L14	01S	93S	.018	19	6
XTUM1	CSP148-02-03-XXX-G10-L14	C2	N/A	.018	20	6

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

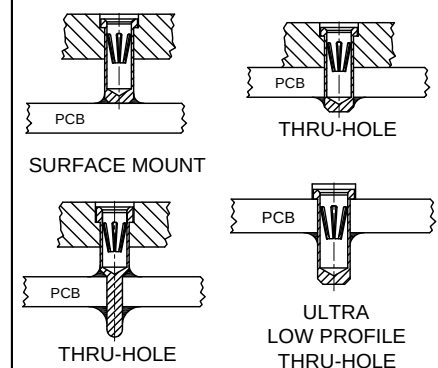
R17 TERMINAL: TIN / CONTACT: GOLD

OTHER PLATINGS AVAILABLE

Terminal Acceptance and Forces

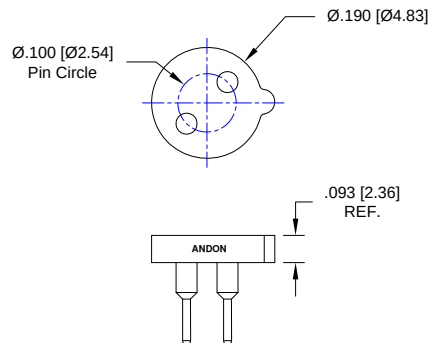
Thru Hole Terminals				Surface Mount Terminals			
Thru Hole Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force	Surface Mount Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force
-01S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min	-93S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min
-295V	Ø.030 [Ø0.76]	13.2 oz Max	3.5 oz Min	-439V	Ø.030 [Ø0.76]	13.2 oz Max	3.5 oz Min
-01D	Ø.018 [Ø1.02]	9.5 oz Max	3.2 oz Min	-93D	Ø.018 [Ø1.02]	9.5 oz Max	3.2 oz Min
-441V	Ø.030 [Ø0.76]	13.2 oz Max	3.5 oz Min	-442V	Ø.030 [Ø0.76]	13.2 oz Max	3.5 oz Min
-C2	Ø.018 [Ø0.46]	1.5 oz Max	0.04 oz Min				

MOUNTING OPTIONS



VISHAY	ANDON PART NUMBER
Fig. 1	THRU-HOLE: R100-0402-02T- 01S -R27-L14 SURFACE MOUNT: R100-0402-02T- 93S -R27-L14

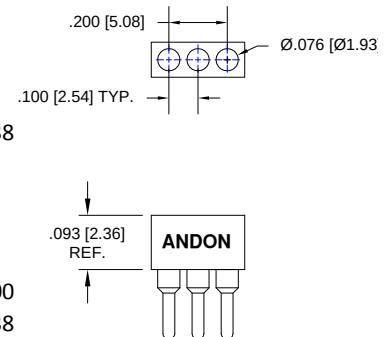
CQY37N
TSHG5510
TSTA7100
TSTS7500
TSUS4400
TSUS5400
TSUS5401
TSUS5402
VSLB3948
VSLY3850
VSLY5850



VISHAY	ANDON PART NUMBER
Fig. 2	THRU-HOLE: C10-003-03-06- 295V -R27-L14 SURFACE MOUNT: C10-003-03-06- 439V -R27-L14

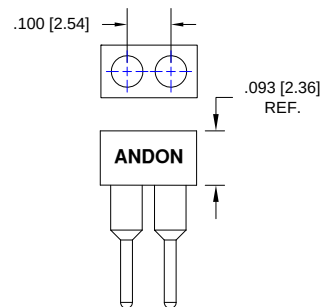
P9 PIN STYLE W1

TSOP21
TSOP22 TSOP382 TSOP58038
TSOP23 TSOP384 TSOP581
TSOP24 TSOP385 TSOP582
TSOP25 TSOP391 TSOP583
TSOP321 TSOP392 TSOP584
TSOP322 TSOP393 TSOP58P38
TSOP323 TSOP394 TSOP591
TSOP324 TSOP395 TSOP592
TSOP325 TSOP4038 TSOP593
TSOP341 TSOP41 TSOP594
TSOP343 TSOP43 TSOP98200
TSOP344 TSOP44 TSOP98238
TSOP345 TSOP45 TSOP98260
TSOP348 TSOP48
TSOP381 TSOP4P38



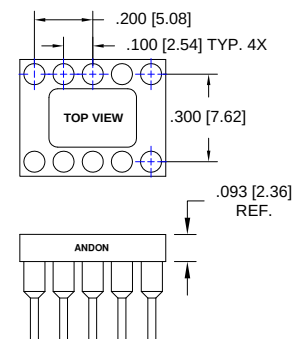
VISHAY	ANDON PART NUMBER
Fig. 3	THRU-HOLE: C10-002-02-01- 01S -R27-L14 SURFACE MOUNT: C10-002-02-01- 93S -R27-L14

TSSS2600
TSSF4500



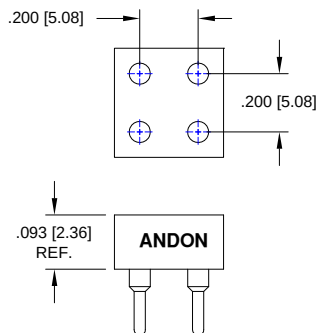
VISHAY	ANDON PART NUMBER
Fig. 4	THRU-HOLE: C10-310-10-01- 01S -R27-L14 SURFACE MOUNT: C10-310-01- 93S -R27-L14

TDSG3150
TDSG3160
TDSO3150
TDSO3155
TDSO3160
TDSR1050
TDSR1060
TDSY3150
TDSY3160



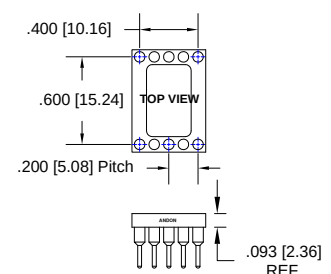
VISHAY	ANDON PART NUMBER
Fig. 5	THRU-HOLE: CSP200-04-02- 295V -R27-L14 SURFACE MOUNT: CSP200-04-02- 439V -R27-L14

VSLB9530S



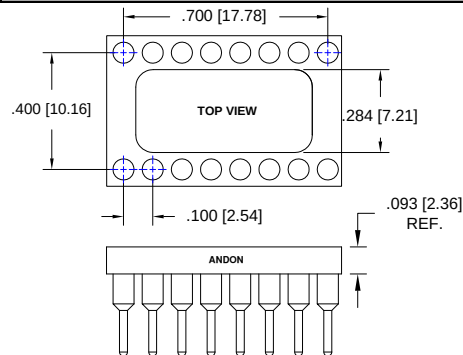
VISHAY	ANDON PART NUMBER
Fig. 6	THRU-HOLE: C10-610-10-01- 01S -R27-L14 SURFACE MOUNT: C10-610-10-01- 93S -R27-L14

TDSG5150
TDSG5160
TDSL5150
TDSL5160
TDSO5150
TDSO5160
TDSR1350
TDSR1360
TDSY5150
TDSY5160



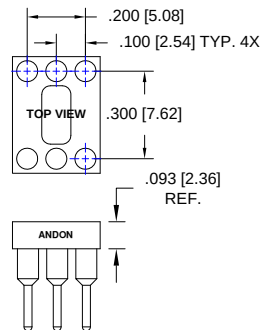
VISHAY	ANDON PART NUMBER
Fig. 7	THRU-HOLE: C10-416-16-01- 01S -R27-L14 SURFACE MOUNT: C10-416-16-01- 93S -R27-L14

TDCG10..M
TDCR10..M
TDCY10..M
TDCY1050M
TDCY1060M



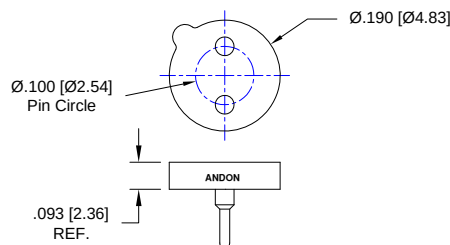
VISHAY	ANDON PART NUMBER
Fig. 9	THRU-HOLE: C10-306-06-01- 01S -R27-L14 SURFACE MOUNT: C10-306-06-01- 93S -R27-L14

IL202
IL203
VO4157
VO4158



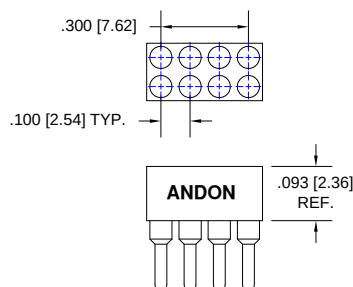
VISHAY	ANDON PART NUMBER
Fig. 11	THRU-HOLE: R100-0402-01T- 441V -R27-L14 SURFACE MOUNT: R100-0402-01T- 442V -R27-L14

TSHG8200
TSHG8400



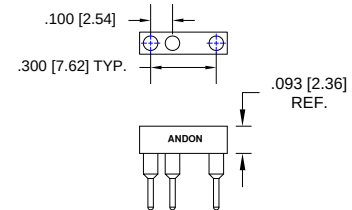
VISHAY	ANDON PART NUMBER
Fig. 13	THRU-HOLE: 409-204- 295V -R29-L14 SURFACE MOUNT: 409-204- 439V -R29-L14

P9 PIN STYLE W4



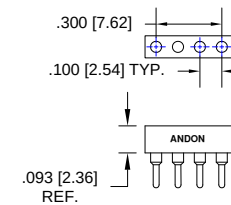
VISHAY	ANDON PART NUMBER
Fig. 8	THRU-HOLE: C10-004-03-01- 01D -R27-L14 SURFACE MOUNT: C10-004-03-01- 93D -R27-L14

TSOP11
TSOP112
TSOP12
TSOP13
TSOP311
TSOP312
TSOP313
TSOP314
TSOP315
TSOP98



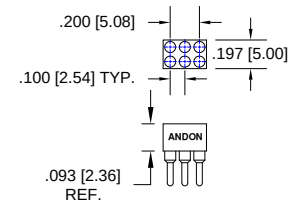
VISHAY	ANDON PART NUMBER
Fig. 10	THRU-HOLE: C10-004-04-01- 295V -R27-L14 SURFACE MOUNT: C10-004-04-01- 439V -R27-L14

P9 PIN STYLE W3



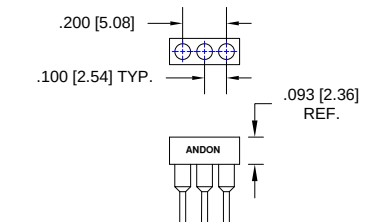
VISHAY	ANDON PART NUMBER
Fig. 12	THRU-HOLE: 409-203- 295V -R29-L14 SURFACE MOUNT: 409-203- 439V -R29-L14

P9 PIN STYLE W2



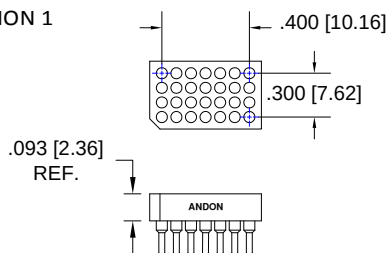
VISHAY	ANDON PART NUMBER
Fig. 14	THRU-HOLE: C10-003-03-01- 01S -R27-L14 SURFACE MOUNT: C10-003-03-01- 93S -R27-L14

T63XA
T63YA
T63ZA



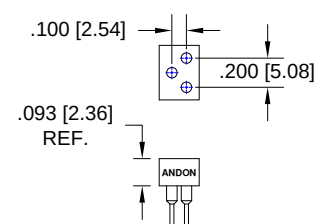
VISHAY	ANDON PART NUMBER
Fig.15	THRU-HOLE: 575-07-04-28- 295V -R27-L14 SURFACE MOUNT: 575-07-04-28- 439V -R27-L14

P9 CONFIGURATION 1



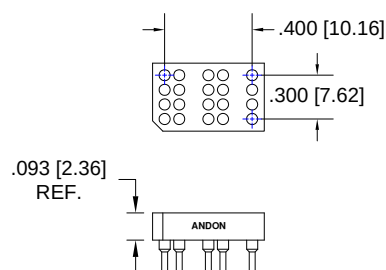
VISHAY	ANDON PART NUMBER
Fig.16	THRU-HOLE: CSP200-03-01- 01S -R27-L14 SURFACE MOUNT: CSP200-03-01- 93S -R27-L14

T63XB
T63YB
T63ZB



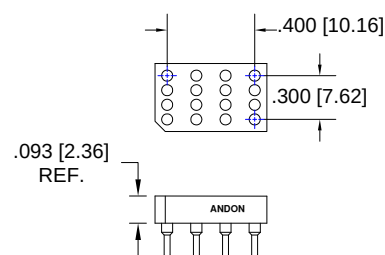
VISHAY	ANDON PART NUMBER
Fig.17	THRU-HOLE: 575-07-06-20- 295V -R27-L14 SURFACE MOUNT: 575-07-06-20- 439V -R27-L14

P9 CONFIGURATION 2



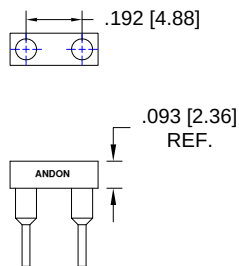
VISHAY	ANDON PART NUMBER
Fig.18	THRU-HOLE: 575-07-07-16- 295V -R27-L14 SURFACE MOUNT: 575-07-07-16- 439V -R27-L14

P9 CONFIGURATION 3



VISHAY	ANDON PART NUMBER
Fig.19	THRU-HOLE: CSP192-02-01- 01S -R27-L14 SURFACE MOUNT: CSP192-02-01- 93S -R27-L14

XT49S



VISHAY	ANDON PART NUMBER
Fig. 20	THRU-HOLE: CSP148-02-03- C2 -G10-L14 SURFACE MOUNT: CSP148-02-03- N/A -G10-L14

XTUM1

