



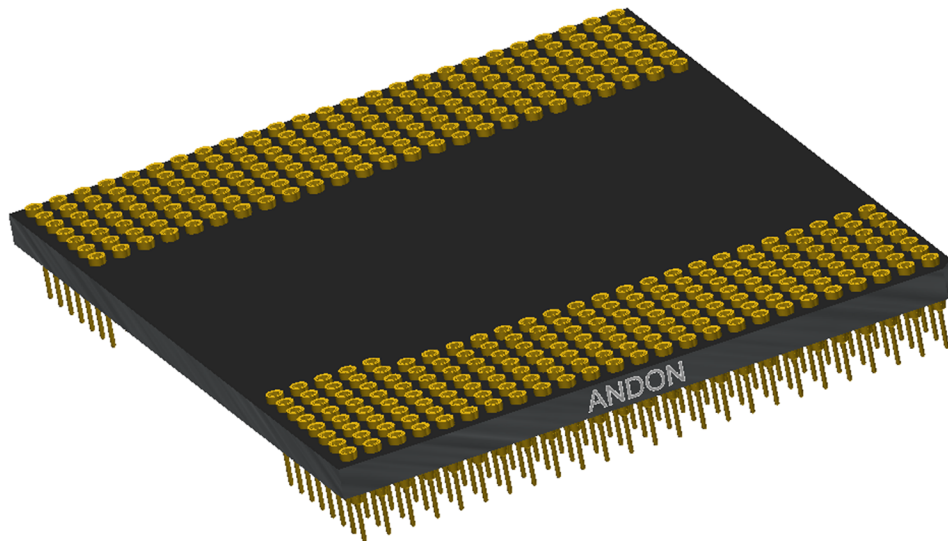
ANDON
INTERCONNECTION SPECIALISTS



RoHS Compliant
ISO 9001
Certified

**HIGH RELIABILITY
IMAGE SENSOR SOCKETS
FOR ISVI**

isvi



Featuring Andon's Unique Senstac™ Contact

isvi® is a trade mark of ISVI Corp.

ISVI

Camera Number	Image Sensor Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
			Thru-Hole	Surface Mount			
IC-C12S-CXP	CMV12000	10-30-07-237-XXX-R27-L14 (adapter)	391	-	-	4	3
IC-C12S-CXP	CMV12000	10-30-07-237-XXX-R27-L14 (socket)	400T4	414T4	.012	4	3
IC-C18N-CXP	AR1820HS	12-09-04-060-321-G10-L14 (adapter)	-	-	-	3	2
IC-C18N-CXP	AR1820HS	12-09-04-060-XXX-R27-L14 (socket)	347T	319T	-	3	2
IC-C18R-CXP	AR1820HS	12-09-04-060-321-G10-L14 (adapter)	-	-	-	3	2
IC-C18R-CXP	AR1820HS	12-09-04-060-XXX-R27-L14 (socket)	347T	319T	-	3	2
IC-C25-CXP	VITA 25K	10-31-13-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-C25-CXP	VITA 25K	10-31-13A-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-C29	KAI-29050	IS230-1371D-XXX-R27-L14-A	75M	265M	.018		
IC-M12S-CXP	CMV12000	10-30-07-237-XXX-R27-L14 (adapter)	391	-	-	4	3
IC-M12S-CXP	CMV12000	10-30-07-237-XXX-R27-L14 (socket)	400T4	414T4	.012	4	3
IC-M25B-CL	VITA 25K	10-31-13-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-M25B-CL	VITA 25K	10-31-13A-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-M25-CXP	VITA 25K	10-31-13-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-M25CXP	VITA 25K	10-31-13A-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-M25S-CL	VITA 25K	10-31-13-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-M25S-CL	VITA 25K	10-31-13A-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-M25S-CXP	VITA 25K	10-31-13-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-M29N-CL	KAI-29050	IS230-1371D-XXX-R27-L14-A	75M	265M	.018	2	2
IC-M29S-CL	KAI-29050	IS230-1371D-XXX-R27-L14-A	75M	265M	.018	2	2
IC-X12S-CXP	CMV12000	10-30-07-237-XXX-R27-L14 (adapter)	391	-	-	4	3
IC-X12S-CXP	CMV12000	10-30-07-237-XXX-R27-L14 (socket)	400T4	414T4	.012	4	3
IC-X15N-CL	VITA 25K	10-31-13-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-X15N-CL	VITA 25K	10-31-13A-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-X25	KAI-29050	IS230-1371D-XXX-R27-L14-A	75M	265M	.018	2	2
IC-X25P-CXP	PYTHON 25K	10-31-13A-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-X25N-CL	VITA 25K	10-31-13-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-X25N-CL	VITA 25K	10-31-13A-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-X25S-CXP	VITA 25K	10-31-13-355-XXX-R27-L14	400T4	414T4	.012	1	2
IC-X25S-CXP	VITA 25K	10-31-13A-355-XXX-R27-L14	400T4	414T4	.012	1	2

ISVI Continued

Image Sensor Socket Footprints

Units: in [mm]

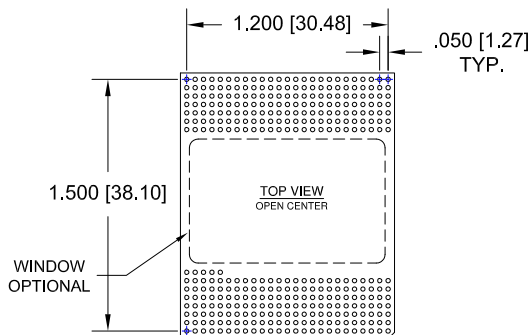


Fig. 1

355 Pins

Thru-Hole: 10-31-13-355-400T4-R27-L14

Surface Mount: 10-31-13-355-414T4-R27-L14

PART NUMBER WITH OPTIONAL WINDOW

Thru-Hole: 10-31-13A-355-400T4-R27-L14 (With Window)

Surface Mount: 10-31-13A-355-414T4-R27-L14 (With Window)

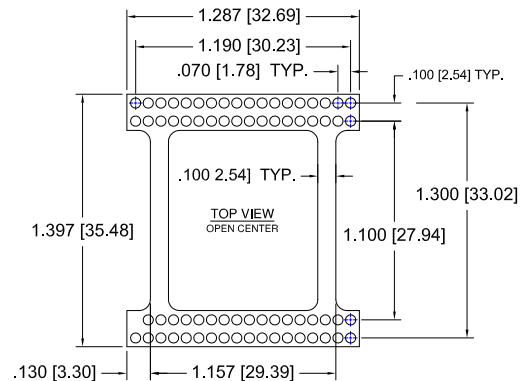


Fig. 2

Thru-Hole: IS230-1371D-75M-R27-L14-A

Surface Mount: IS230-1371D-265M-R27-L14-A

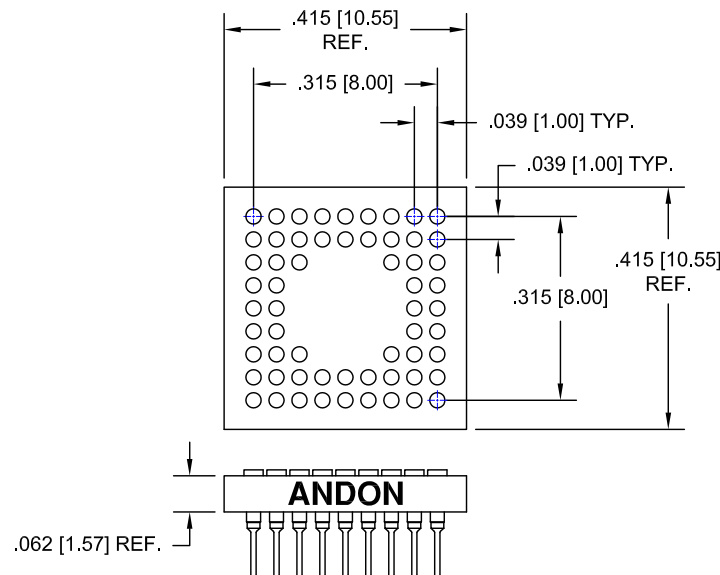


Fig.3

Thru-Hole: 12-09-04-060-347T-R27-L14

Surface Mount: 12-09-04-060-319T-R27-L14

Adapter: 12-09-04-060-321-G10-L14

ISVI Continued

Image Sensor Socket Footprints

Units: in [mm]

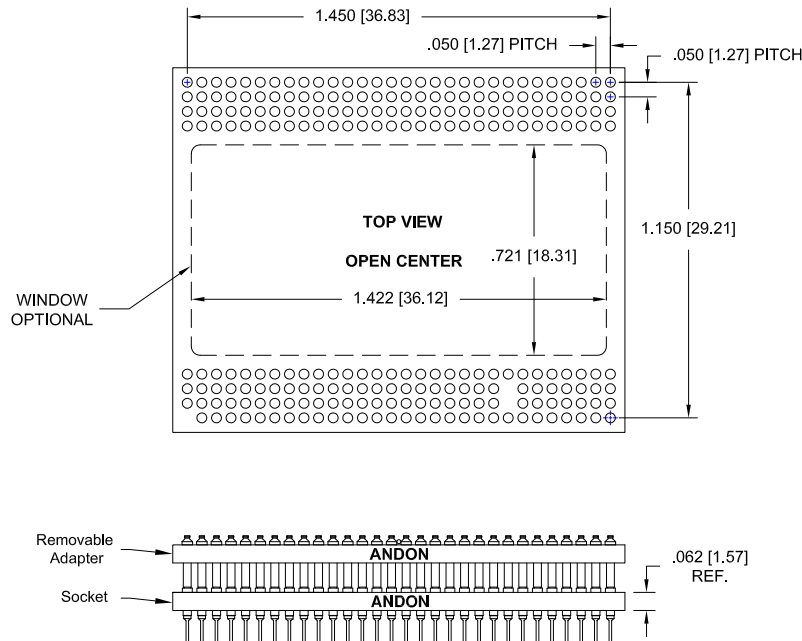
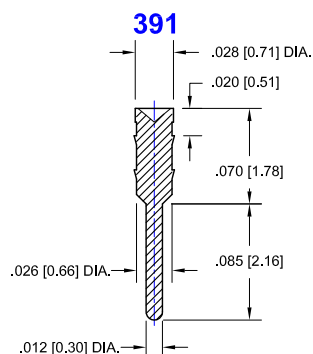


Fig. 3

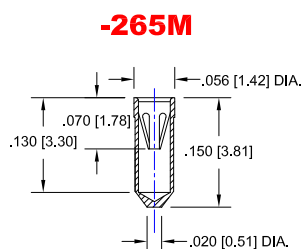
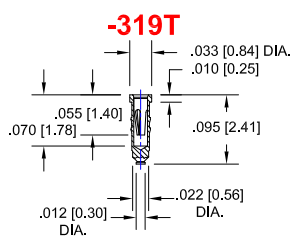
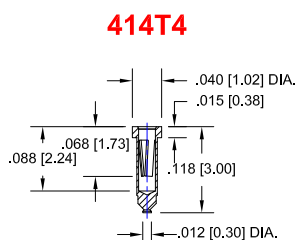
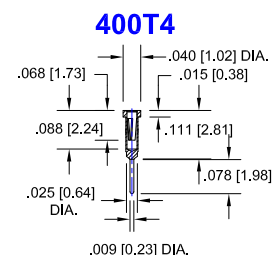
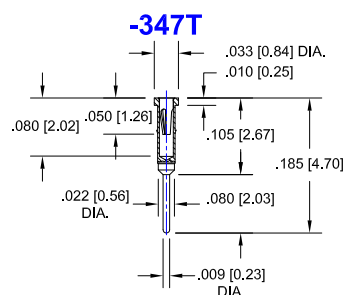
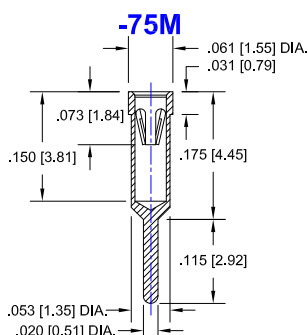
- Thru-Hole: 10-30-07-237-400T4-R27-L14
 Surface Mount: 10-30-07-237-414T4-R27-L14
 Surface Mount: 10-30-07-237-RB501T4-R27-L14
 Adapter: 10-30-07-237-405-G10-L14
- PART NUMBER WITH OPTIONAL WINDOW
- Thru-Hole: 10-30-07A-237-400T4-R27-L14 (With Window)
 Surface Mount: 10-30-07A-237-414T4-R27-L14 (With Window)
 Surface Mount: 10-30-07A-237-RB501T4-R27-L14 (With Window)
 Adapter: 10-30-07A-237-405-G10-L14

ISVI Continued

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



AVAILABLE
PCB Adapter to
plug into socket



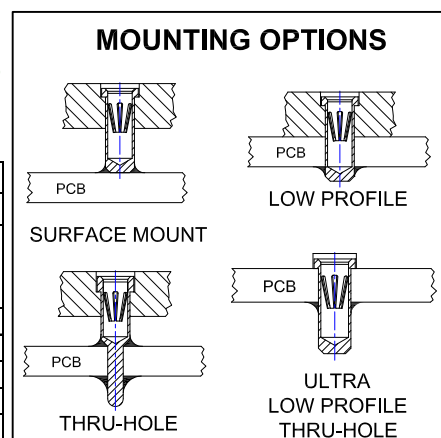
Technical Information

Material:

Insulator: Hi-Temp UL 94V-O
-L14 Black FR4 Laminate
-S14 Black Nylon 46 30% Glass Filled
Terminal: Brass, per ASTM-B16
Contact: BeCu, Per ASTM-B194
Adapter: Copper Alloy Plated Gold
Solderball: Lead Free 96.5% Tin, 3.0% Silver, 0.5% Copper

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
-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
-75M	Ø.018 [Ø0.46]	1.6 oz Max	0.5 oz Min	-265M	Ø.018 [Ø0.46]	1.6 oz Max	0.5 oz Min
-347T	Ø.010 [Ø0.25]	1.0 oz Max	0.3 oz Min	-319T	Ø.010 [Ø0.25]	1.0 oz Max	0.3 oz Min



"ANDON PROPRIETARY INFORMATION"
RoHS Compliant

*Sockets are not drawn to scale ISVI 08/08/2017

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