

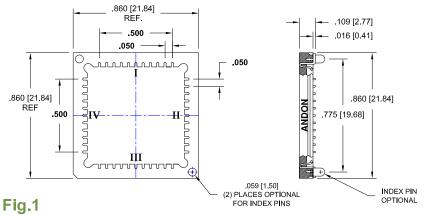
## **Sockets**

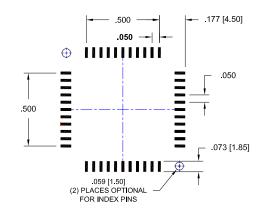




CHUNGHWA TELECOM LABORATORIES											
CHUNGHWA TELECOM  LABORATORIES  Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type Surface Mount		Pin Ø [in]	Figure Number	Page Number					
FPA-320X256-C	620-44-SM-G10-L14-X	-	-	-	1	1					
FPA-320X256-K-2.2-TE2	IS229-828-12-01-XXX-R29-L14	88S	93S	.018	4	2					
FPA-320X256-K-2.2-TE1	IS229-828-12-01-XXX-R29-L14	88S	93S	.018	4	2					
FPA-320-X256-K	IS229-828-12-01-XXX-R29-L14	88S	93S	.018	4	2					
FPA-640-512	IS229-828-12-01-XXX-R29-L14	88S	93S	.018	4	2					
FPA-640X512-TE2	IS229-828-12-01-XXX-R29-L14	88S	93S	.018	4	2					
LAPD-2000(S)-C	620-08A-SM-G10-L14-X	-	-	-	2	1					
LAPD-1000(S)	R100-0403-04N-XXX-R27-L14	75S	265S	.018	6	2					
LAPD-2000(S)	R200-0403-06T-XXX-R27-L14	75S	265S	.018	5	2					
LAPD-3000	R200-0403-06T-XXX-R27-L14	75S	265S	.018	5	2					
KD-VA8307	605-04A-SM-G10-L14-X	-	-	-	3	2					

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





Surface Mount: 620-44-SM-G10-L14-X

WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1

.050 [1.27] TYP. - .100 [2.54] .050 [1.27] TYP. - .386 [9.80] .011 [0.28] - .171 [4.35] REF. .221 [5.62]

Fig. 2
Surface Mount: 620-08A-SM-G10-L14-X
WITHOUT INDEX PINS = -0
WITH INDEX PINS = -1

FOOTPRINT LAYOUT SIDE VIEW TOP VIEW 100 [2.54] .154 [3.90] - .109 [2.77] .050 [1.27] TYP. - 016 [0.41] 073 [1.85] .204 [5.17] .155 [3.95] 407 [10.34] .407 [10.34] .311 [7.90] 155 [3.95] .020 [0.51] .059 [1.50] DIA. (2) PLACES OPTIONAL FOR INDEX PINS "-1" INDEX PINS OPTIONAL "-1" 155 [3.95] 407 [10.34] →

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\*Sock

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## **Sockets**



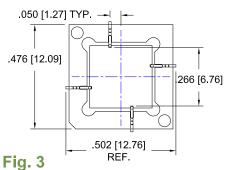


## **CHUNGHWA TELECOM LABORATORIES** Continued

### **Socket Terminal Details**

Cross Section View Shown Units: in [mm]

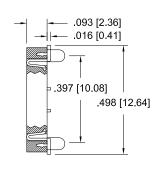
#### TOP VIEW



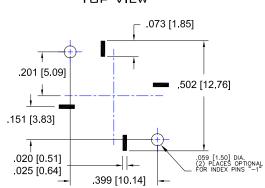
Surface Mount: 605-04A-SM-G10-L14-X

WITHOUT INDEX PINS = -0WITH INDEX PINS = -1

## SIDE VIEW



#### FOOTPRINT LAYOUT TOP VIEW



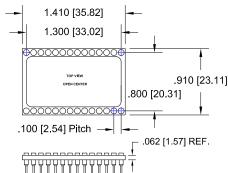


FIG. 4

Thru-Hole: IS229-828-12-01-88S-R27-L14 Surface Mount: IS229-828-12-01-93S-R27-L14

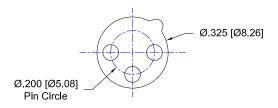


FIG. 5

Thru-Hole: R200-0403-06T-75S-R27-L14 Surface Mount: R200-0403-06T-265S-R27-L14

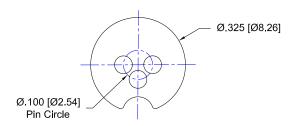


FIG.6

Thru-Hole: R100-0403-04N-75S-R27-L14 Surface Mount: R100-0403-04N-265S-R27-L14

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## **Sockets**

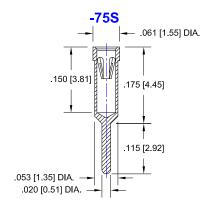


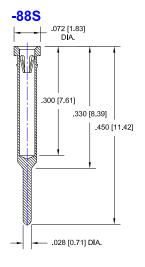


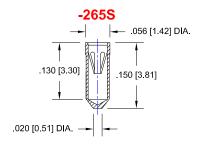
### **CHUNGHWA TELECOM LABORATORIES** Continued

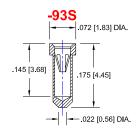
### **Socket Terminal Details**

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				
-88 <b>S</b>	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 Avg.	2.0 oz Min	-265S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min				

MOUNTING OPTIONS

PCB
THRU-HOLE

SURFACE MOUNT

PCB
LOOSE PIN FOR ULTRA LOW PROFILE
THRU-HOLE

THRU-HOLE

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