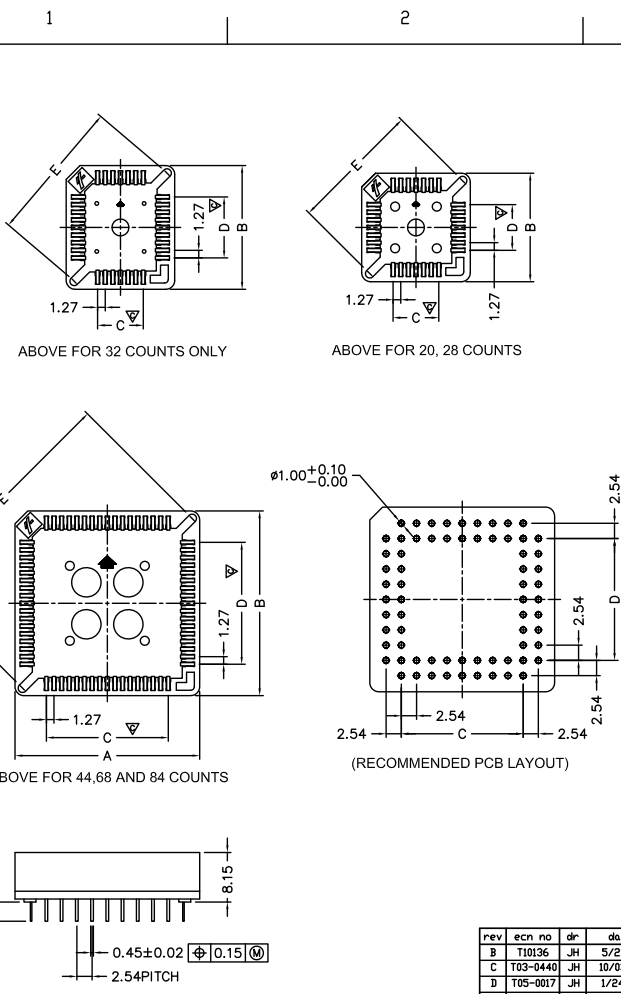




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NOTES:

- 1 MATERIAL:  
HOUSING: PPS UL94 V-0, Brown.  
CONTACT: Copper Alloy.
- 2 FINISH:  
CONTACT: 100  $\mu$  Min. Pure Tin or Tin/Lead plated on soldering end over 50  $\mu$  Min. Nickel under-plating.
- 3 ORDER INFORMATION:  
54020-XX 0 3 0 PT  
Series No. \_\_\_\_\_ PT: Pure Tin Plated.  
No. of Contacts: \_\_\_\_\_ BLANK: Tin/Lead Plated  
20 28 32 44 52 68 84 \_\_\_\_\_ Post/Packaging:  
Contact plated: \_\_\_\_\_ 0-Without Post/In tube package.  
0-Tin alloy plated. \_\_\_\_\_ Housing Material/Color:  
3-PPS/Brown.
- 4 SPECIFICATION:  
Current Rating: 1A Max.  
Voltage Rating: 250V AC Max.  
Dielectric Strength: 600V AC RMS for 1 minute.  
Contact Resistance: 20 m $\Omega$  MAX.  
Insulator Resistance: 1000M $\Omega$  min. at 500V DC.  
Temperature: -40 $^{\circ}$ C to +105 $^{\circ}$ C  
Durability: 25 Cycles.
- 5 PRODUCT SPECIFICATION: GES-12-054.
- 6 MANUFACTURING PROCESS COMPATIBILITY  
The housing will withstand exposure to 245 $^{\circ}$ C solder bath temperature for 5 second in a wave solder application.

A/P PART NO.	Dimension(mm)					MCK PART NO.
	A $\pm$ 0.2	B $\pm$ 0.2	C $\pm$ 0.1	D $\pm$ 0.1	E $\pm$ 0.2	
54020-20030	15.56	15.56	5.08	5.08	18.20	PLCC-20P-T
54020-28030	18.10	18.10	7.62	7.62	21.80	PLCC-28P-T
54020-32030	17.80	20.20	7.62	10.16	23.85	PLCC-32P-T
54020-44030	23.18	23.18	12.70	12.70	29.00	PLCC-44P-T
54020-52030	26.90	26.90	15.24	15.24	33.00	PLCC-52P-T
54020-68030	30.88	30.88	20.32	20.32	40.00	PLCC-68P-T-2
54020-84030	35.98	35.98	25.40	25.40	47.15	PLCC-84P-T-2

rev	ecn no	dr	date
B	T10136	JH	5/21/01
C	T03-0440	JH	10/03/03
D	T05-0017	JH	1/24/05
E	T05-0114	JH	5/9/05
F	T05-0212	JH	9/21/05
G	T10-0010	JH	1/25/10
H	T11-0002	JH	1/11/11

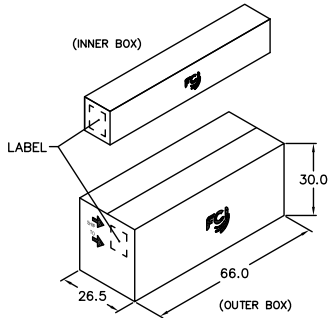
www.fciconnect.com			surface <input checked="" type="checkbox"/>	tolerance std	projection	MM $\longleftrightarrow$
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	Jason Hsu	1/11/11	ANGULAR	0.X $\pm$ 0.25	size A4	Scale N/A
Eng	Jason Hsu	1/11/11	LINEAR	0.XX $\pm$ 0.15		
Chr	Gary Hsieh	1/11/11	$0^{\circ}$ $\pm$ 5 $^{\circ}$	0.XXX $\pm$ 0.10	ECN	T11-0002
Appr	Joseph Hsia	1/11/11	Product family		Spec ref	
FCI title PLCC DIP Socket			part no 54020		Rev. H	
catalog no			CUSTOMER		sheet 1 of 2	

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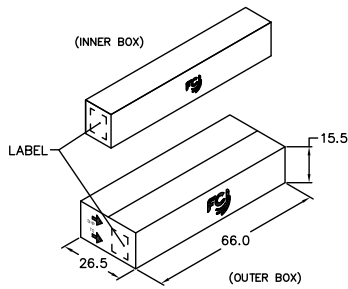
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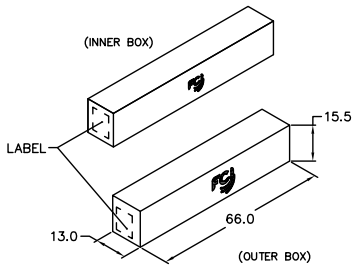
UNIT: CM

< PACKING FOR 28P,32P & 52P >



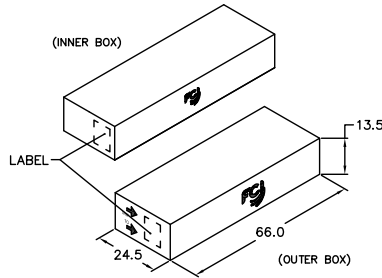
UNIT: CM

< PACKING FOR 20P >



UNIT: CM

< PACKING FOR 68P & 84P >



UNIT: CM

DIP PLCC PACKING LIST FOR TUBE=612mm

CONTACTS	PCS/TUBE	TUBE/INNER BOX	PCS/INNER BOX	INNER BOX / OUTER BOX	PCS/ OUTER BOX	N.W.(KGS)	G.W.(KGS)
20P	37	49	1813	1	1813	3.6	5.1
28P	32	42	1344	2	2688	7.0	10.5
32P	28	42	1176	2	2352	6.5	9.9
44P	25	35	875	4	3500	13.4	20.9
52P	21	32	672	2	1344	6.8	10.8
68P	18	42	756	1	756	4.4	7.8
84P	16	39	624	1	624	4.6	8.0

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www.fciconnect.com			surface	tolerance std	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	Jason Hsu	1/11/11	ANGULAR	0.X ± 0.25	size	A4
Eng	Jason Hsu	1/11/11	LINEAR	0.XX ± 0.15	Scale	N/A
Chr	Gary Hsieh	1/11/11	0° ± 5°	0.XXX ± 0.10	ECN	T11-00002
Appr	Joseph Hsia	1/11/11	Product family		Spec ref	
	title PLCC DIP Socket		part no 54020		Rev.	H
catalog no		CUSTOMER		sheet 2 of 2		

PDM: Rev:H

STATUS: Released

Printed: Jan 29, 2011