

Excellent Integrated System Limited

Stocking Distributor

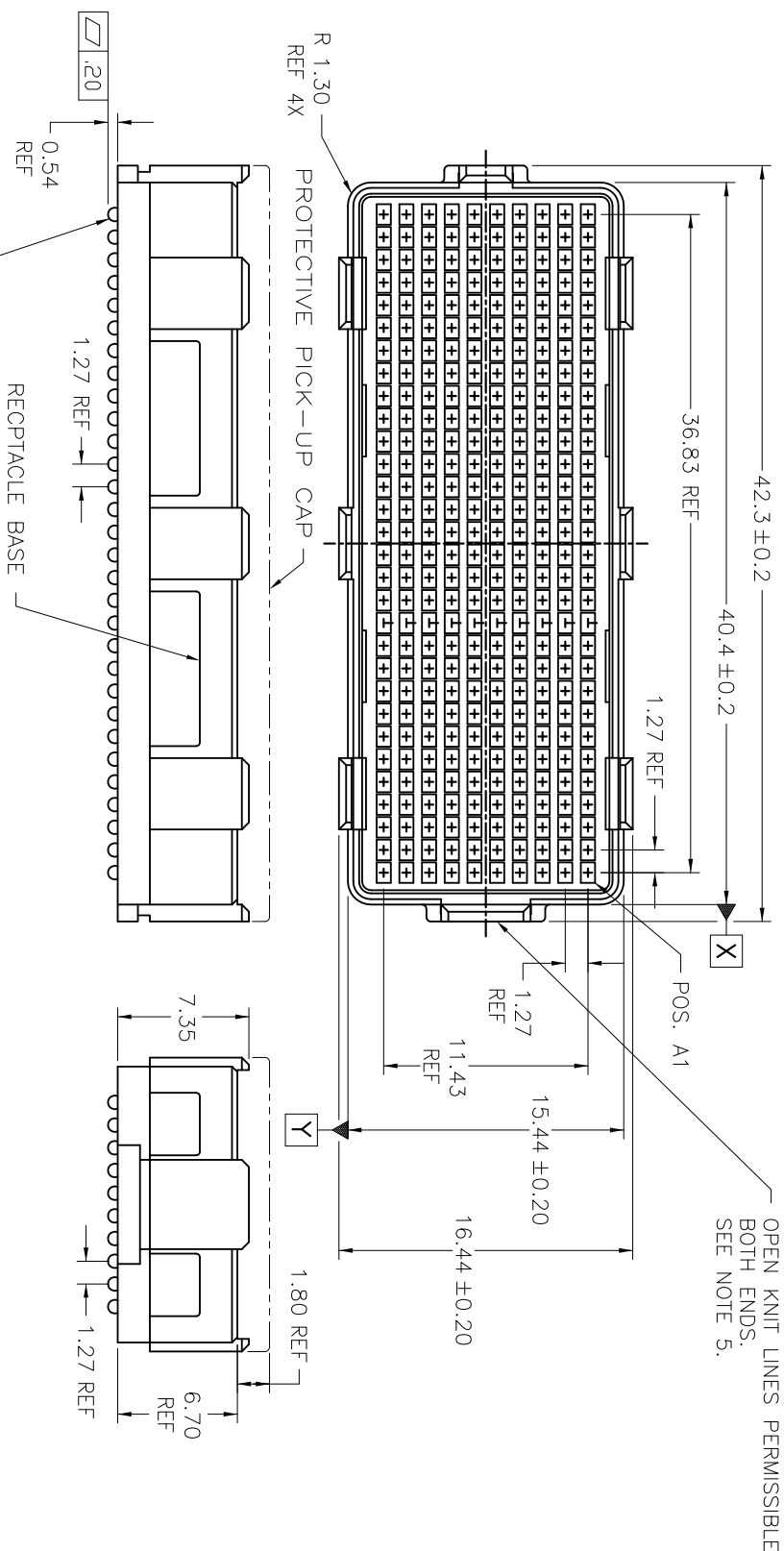
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[84553-101LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NUMBER
SEE TABLE-SHEET 3



mat'l. code		surface		tolerance		product family	
SEE NOTE 1		ASME Y14.5		ASME Y14.5		MEG-ARRAY	
ITR		ecdn no.	dt	date	angles	 projection	
G V12-00330		RE	202-08-07		X ±3	title	
H V12-00468		DCI	202-11-20		XX ±3	8.0mm RECEPTACLE ASSEMBLY	
J V-118082		DCI	2014-6-25	0° ±2°	XXX ±051	10 x 30 = 300 POS.	
-		-	-	dt	D. WAUGHEN	dwg no	
D V04-0940		VS	2008-03-8	ENGT	W. SPINK	sheet 1 of 4	
E V06-0560		LP	2004-07-1	DCI	W. SPINK	84553	
F V11-00228		HTB	2016-04-2	appt	W. SPINK	A4	
street revision		2016-04-2		appt	2000-02-23	type	
index		sheet	1	2	3	CUSTOMER Drawing	

PRODUCT NUMBER
 SEE TABLE-SHEET-3

NOTES:

① MATERIAL:

HOUSING: LCP
 CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET 3)
 SOLDER BALL: (SEE TABLE ON SHEET 3)
 EUTECTIC SnPb OR LEAD FREE
 95.5Sn/44g/0.5Cu

② SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

③ MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE, & SOLDER PASTE.

④ PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY), THE CONTACTS GEOMETRY IN THESE PRODUCT NUMBERS IS SPECIAL, ALSO.

⑤ KNT LINE: SLIGHT VISIBLE MARKS (USUALLY A LINE) INDICATING THE DIRECTION AND MEETING POINT OF PLASTIC RESIN FLOW FRONTS TRAVELING AROUND ANY OBSTRUCTIONS TO THE RESIN FLOW VIA THE REQUIRED MOLD TOOLING.

⑥ FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033 LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION

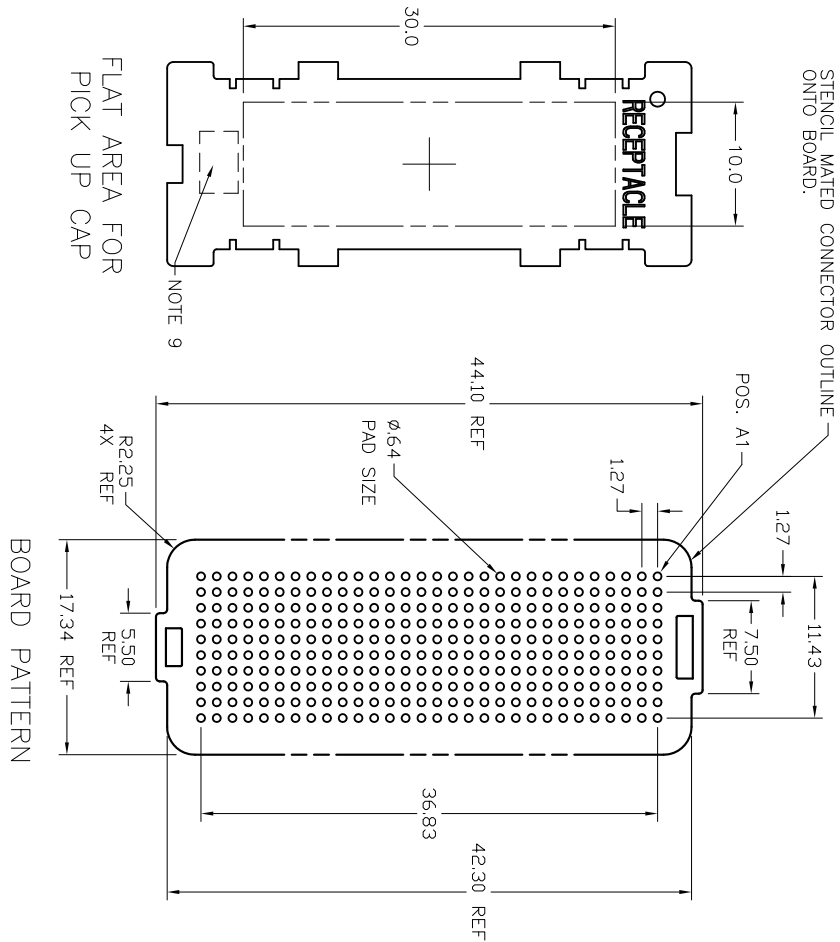
⑦ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

⑧ 84553-A01 AND -A01LF ARE CUSTOMER SPECIALS.

⑨ CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

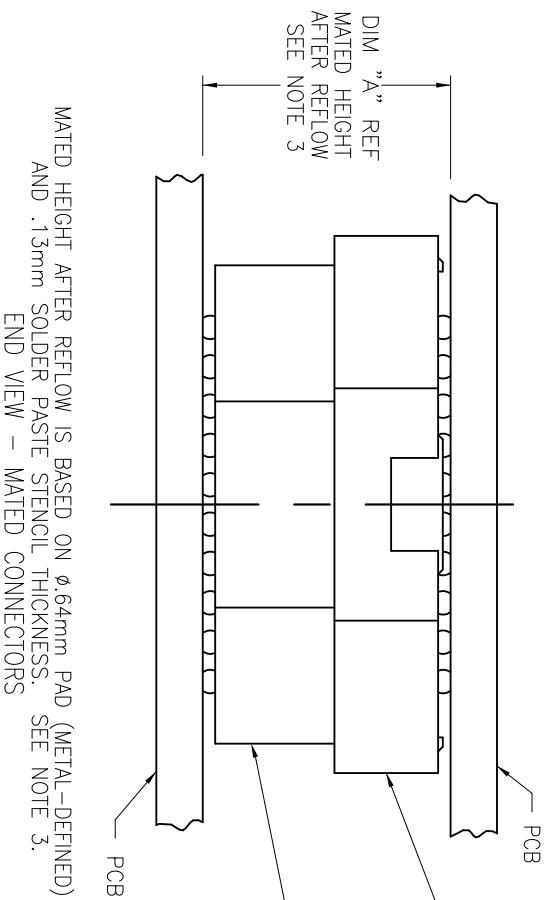
⑩ 84553-093LF HAS A SPECIAL CAP.

12. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



mat'l. code	SEE NOTE 1	surface	tolerance	projection	product family
lit	ECN no	date	ASME Y14.5	ASME Y14.5	MEG-ARRAY
J		angles	tolerances unless otherwise specified	MM	8.0mm RECEPTACLE ASSEMBLY
		0° ±2°	XX ±.15	scale 2:1	10 x 30 = 300 POS.
		D. WAUGHEN	2000-02-29		sheet 2 of 4
		eng't	W. SPINK	2000-02-29	size
		clt'r	W. SPINK	2000-02-29	84553
		app'd	W. SPINK	2000-02-29	CUSTOMER Drawing
sheet	revision				
index	sheet				

PRODUCT NUMBER	PICK-UP CAP (NATURAL OR BLACK COLOR)	CONTACT PLATING AND THICKNESS	SOLDER BALL	NOTES
84553--001	YES	15u" (.38um) Au	SnPb	
84553--001LF	YES	15u" (.38um) Au	LEAD FREE	7
84553--091	YES	15u" (.38um) GXT	SnPb	
84553--091LF	YES	15u" (.38um) GXT	LEAD FREE	7
84553--093LF	YES	15u" (.38um) GXT	LEAD FREE	7 , 10
84553--101	YES	30u" (.76um) Au	SnPb	
84553--101LF	YES	30u" (.76um) Au	LEAD FREE	7
84553--191	YES	30u" (.76um) GXT	SnPb	
84553--191LF	YES	30u" (.76um) GXT	LEAD FREE	7
84553--201	YES	50u" (1.27um) Au SPECIAL	SnPb	4
84553--201LF	YES	50u" (1.27um) Au SPECIAL	LEAD FREE	4 AND 7
84553--291	YES	50u" (1.27um) GXT SPECIAL	SnPb	4
84553--291LF	YES	50u" (1.27um) GXT SPECIAL	LEAD FREE	4 AND 7
84553--A01	YES	30u" (.76um)	SnPb	8
84553--A01LF	YES	30u" (.76um)	LEAD FREE	7 AND 8
84553--301	YES	15u" (.38um) Au SPECIAL	SnPb	8
84553--301LF	YES	15u" (.38um) Au SPECIAL	LEAD FREE	7 AND 8
84553--401	YES	30u" (.76um) Au SPECIAL	SnPb	8
84553--401LF	YES	30u" (.76um) Au SPECIAL	LEAD FREE	7 AND 8
84553--501	YES	AU SPECIAL	SnPb	4 AND 8
84553--501LF	YES	AU SPECIAL	LEAD FREE	4 , 7 AND 8



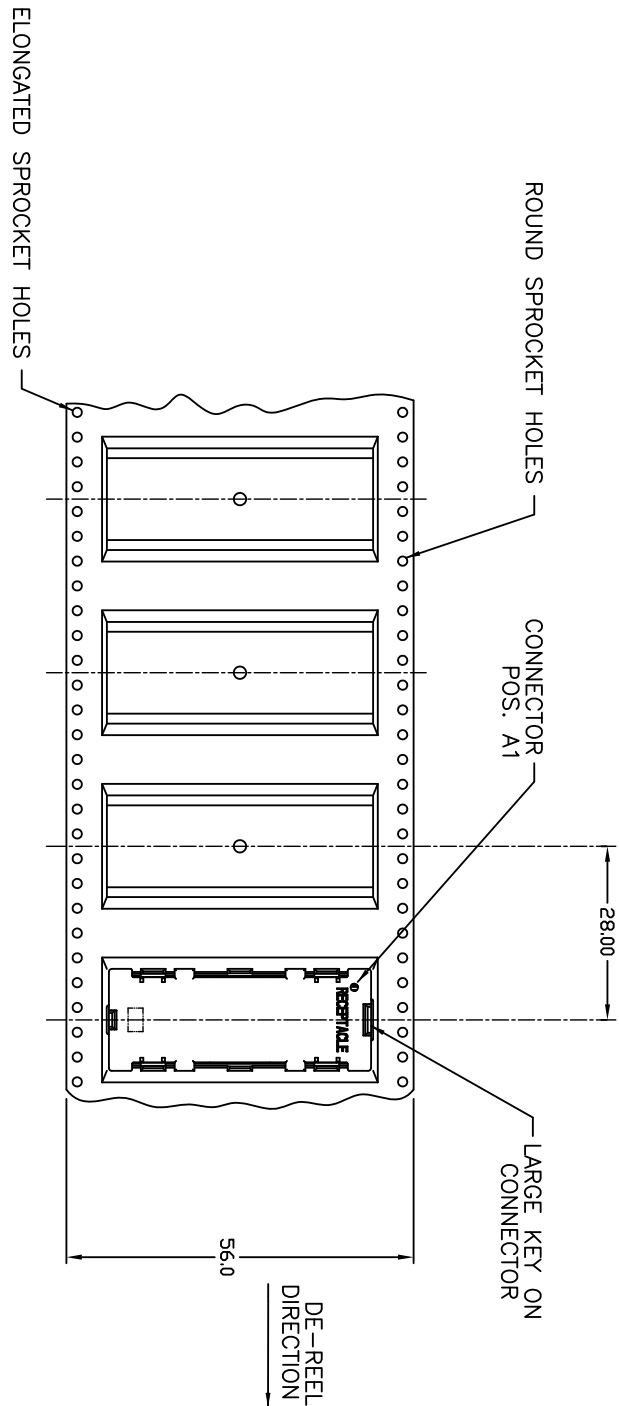
- PLUG ASSEMBLY
(SEE TABLE BELOW)

DIM."A"	PLUG ASSY. P/N
8.0	84500
14.0	84578

RECEPTACLE
ASSEMBLY
P/N 84553

mat'l. code		surface		tolerance		projection		product family	
SEE NOTE 1		ASME Y14.5		ASME Y14.5				MEG-ARRAY	
lit		ecn no		date				title	
dr		dr		date				8.0mm RECEPTACLE ASSEMBLY	
dr		dr		date				10 x 30 = 300 POS.	
dr		dr		date				dwg no	
dr		dr		date				sheet 3 of 4	
dr		dr		date				size	
dr		dr		date				A4	
dr		dr		date				CUSTOMER Drawing	
dr		dr		date					
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PRODUCT NUMBER
SEE TABLE-SHEET 3



TAPE & REEL PACKAGING
PER EIA 481-3

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