

Excellent Integrated System Limited

Stocking Distributor

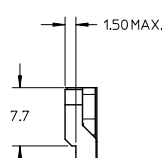
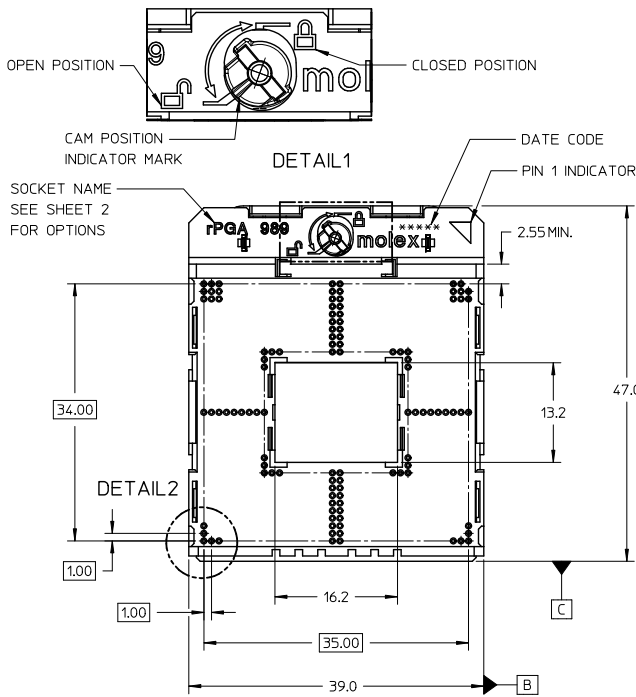
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0479890112](#)

For any questions, you can email us directly:

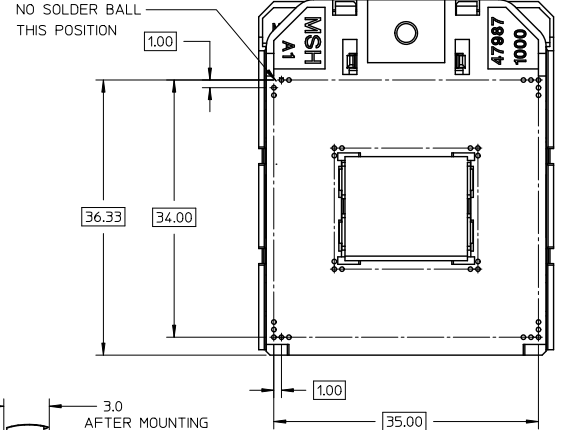
sales@integrated-circuit.com

10 9 8 7 6 5 4 3 2 1

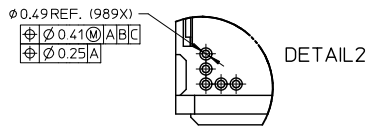
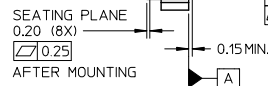


NOTES:

- 1) THIS SOCKET COMPLIES WITH ALL SPECIFICATIONS AND PERFORMANCE REQUIREMENTS FOR INTEL rPGA98X SERIES CPU PROCESSORS.
- 2) SOCKET SHOWN IN OPEN POSITION.
- 3) SEE SHEET 2 FOR DETAILS PERTAINING TO KEYING, MATERIAL AND PACKAGING OPTIONS.
- 4) THIS PRODUCT SERIES COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.



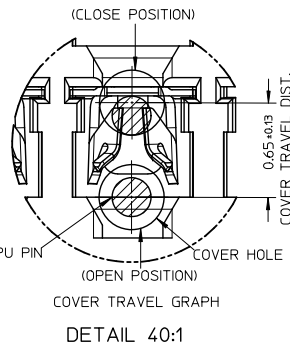
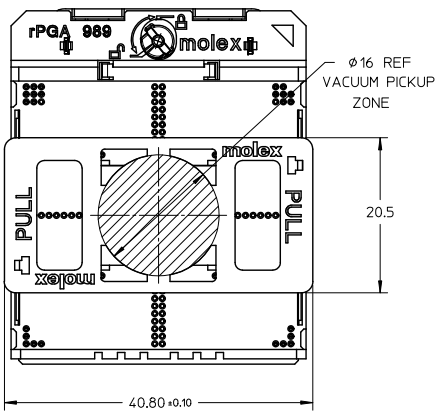
DETAIL3



REVISED		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: SH2011-0076	2010/09/03	DRWN:ZYAN	2010/09/06	mm	INCH	MM ONLY	DATE	2:1		METRIC			
CHKD: AYIN	2010/09/17			4 PLACES ± ---	± ---	DRAWN BY	QWFANG	2008/04/25	TITLE RPGA989 SOCKET ASSEMBLY				
APPR: AYIN				3 PLACES ± ---	± ---	CHECKED BY	JKACHLIC	2008/05/29					
				2 PLACES ± 0.10	± ---	APPROVED BY	CL IANG	2008/05/29	MOLEX INCORPORATED				
				1 PLACE ± 0.20	± ---	MATERIAL NO.	SEE TABLE						
				ANGULAR ± 2 °		DOCUMENT NO.	SD-47989-001		SHEET NO. 1 OF 6				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

9 8 7 6 5 4 3 2 1

REMOVEABLE PICK & PLACE CAP



NOTES:

1) MATERIALS:

MOLDED COMPONENTS: LIQUID CRYSTAL POLYMER (LCP) UL 94V-0
BASE HOUSING COLOR: BLACK
COVER COLOR: NATURAL
MYLAR(POLYIMIDE, COLOR:ORANGE) OR PnP COVER(LCP, COLOR: BLACK)
FOR PICK & PLACE.
CONTACTS: HIGH STRENGTH COPPER ALLOY
PLATING: GOLD THICKNESS AS FOLLOWING TABLE 1-3 IN CONTACT AREA,
1.3um NICKEL OVERALL
CAM COMPONENTS: STAINLESS STEEL
SOLDER BALL: LEAD-FREE BALL SnAg3.0Cu0.5

2) DATE CODE

MOLEX INTERNAL USE
WORKING DAY
MONTH
YEAR

3) PRODUCT SPECIFICATION PS-47989-00* APPLIES

4) PACKAGING SPECIFICATION: PK-47989-001 (TAPE & REEL)
PK-47989-002 (HARD TRAY)

REVISED EC NO: SH2011-0076 B DRWN:ZYX CHKD: APPR:ATN	2010/09/03	2010/09/06	2010/09/17	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
					 =0		mm	INCH	DRAWN BY QWFANG	DATE 2008/04/25	TITLE RPGA989 SOCKET ASSEMBLY				
					 =0	4 PLACES	± ---	± ---	CHECKED BY JKACHL IC	DATE 2008/05/29					
					 =0	3 PLACES	± ---	± ---							
						2 PLACES	± 0.10	± ---							
					 =0	1 PLACE	± 0.20	± ---	APPROVED BY CL IANG	DATE 2008/05/29	 MOLEX INCORPORATED				
						ANGULAR ± 2 °									
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-47989-001			SHEET NO. 2 OF 6	
									SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

PART NO. OF GF PLATING- TABLE 1

PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-0110	◆			◆	PS-47989-002
47989-0120	◆		◆		
47989-0130		◆		◆	
47989-0140		◆	◆		
47989-0210	◆			◆	
47989-0220	◆		◆		
47989-0230		◆		◆	
47989-0240		◆	◆		

PART NO. OF 10u" MIN. GOLD PLATING- TABLE 2

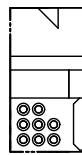
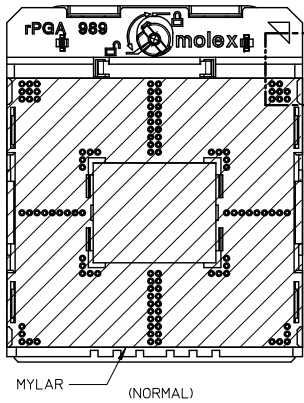
PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-0111	◆			◆	PS-47989-003
47989-0121	◆		◆		
47989-0131		◆		◆	
47989-0141		◆	◆		
47989-0211	◆			◆	
47989-0221	◆		◆		
47989-0231		◆		◆	
47989-0241		◆	◆		

PART NO. OF 15u" MIN. GOLD PLATING- TABLE 3

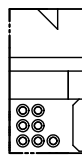
PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-0112	◆			◆	PS-47989-001
47989-0122	◆		◆		
47989-0132		◆		◆	
47989-0142		◆	◆		
47989-0212	◆			◆	
47989-0222	◆		◆		
47989-0232		◆		◆	
47989-0242		◆	◆		

SOCKET KEYING OPTIONS

MYLAR PICK & PLACE OPTION



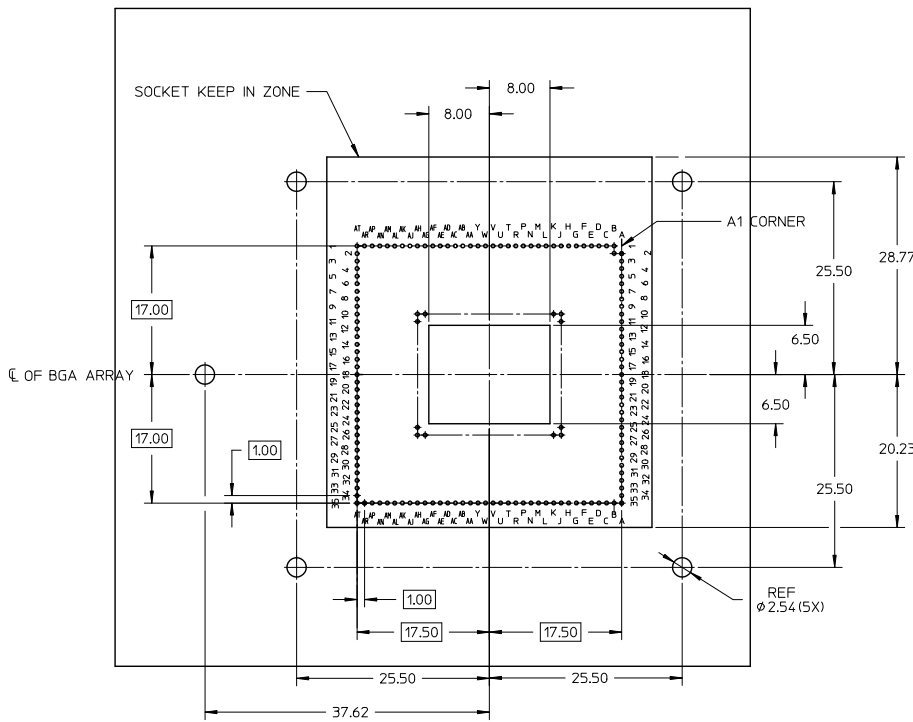
rPGA989
47989-01**



rPGA988A
47989-02**

REVISED	EC NO.	SH2011-0076	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
B			DRWN:ZYAN	2010/09/03			CHKC:	2010/09/06			
			APPR:ATIN	2010/09/17							
QUALITY SYMBOLS											
GENERAL TOLERANCES (UNLESS SPECIFIED)											
DIMENSION STYLE MM ONLY											
SCALE 2:1 DESIGN UNITS METRIC											
THIRD ANGLE PROJECTION											
TITLE RPGA989 SOCKET ASSEMBLY											
MOLEX INCORPORATED											
SD-47989-001											
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

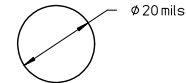
10 9 8 7 6 5 4 3 2 1



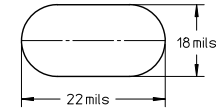
NOTES:

shape pada of PCB are recommended

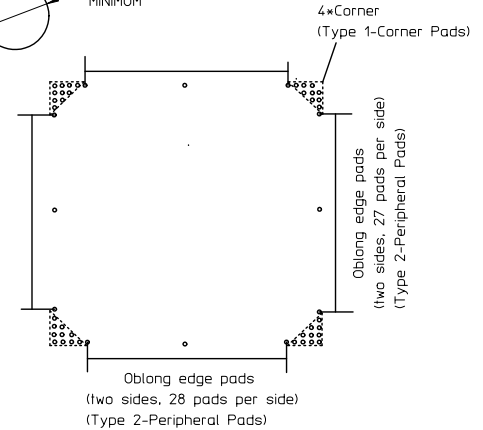
TYPE1-Corner Pads



TYPE2-Peripheral Pads(Oblong-shape pada are recommended)



TYPE3-All Other Location Except for those of Type1 and Type2 Locations)



MOTHERBOARD KEEP IN ZONE (KIZ)
(FOR NORMAL)

REVISED EC NO: SH2011-0076 DRAWN: ZYAN CHKD: APPR: AYIN B	2010/09/03 2010/09/06 2010/09/17	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY QWFANG		DATE 2008/04/25	TITLE RPGA989 SOCKET ASSEMBLY		
				4 PLACES	± ---	± ---	CHECKED BY JKACHL IC		DATE 2008/05/29			
				3 PLACES	± ---	± ---	APPROVED BY CL IANG		DATE 2008/05/29	 MOLEX INCORPORATED	DOCUMENT NO. SD-47989-001	SHEET NO. 4 OF 6
				2 PLACES	± 0.10	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
				1 PLACE	± 0.20	± ---						
				ANGULAR ± 2 °								
				SEE TABLE								
				SD-47989-001								
				4 OF 6								

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

PART NO. OF GF PLATING- TABLE 1

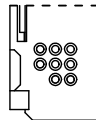
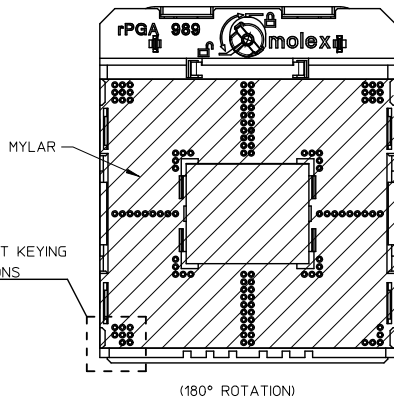
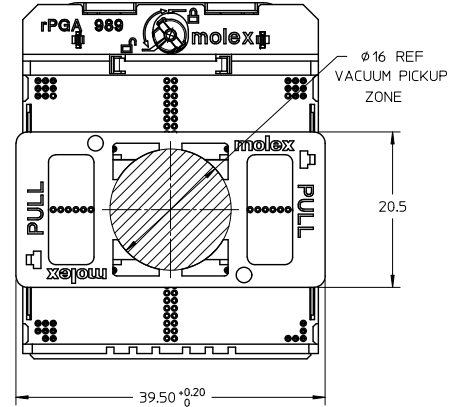
PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-9110	◆			◆	PS-47989-002
47989-9120	◆		◆		
47989-9130		◆		◆	
47989-9140		◆	◆		
47989-9210	◆			◆	
47989-9220	◆		◆		
47989-9230		◆		◆	
47989-9240		◆	◆		

PART NO. OF 10u" MIN. GOLD PLATING- TABLE 2

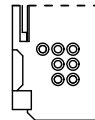
PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-9111	◆			◆	PS-47989-003
47989-9121	◆		◆		
47989-9131		◆		◆	
47989-9141		◆	◆		
47989-9211	◆			◆	
47989-9221	◆		◆		
47989-9231		◆		◆	
47989-9241		◆	◆		

PART NO. OF 15u" MIN. GOLD PLATING- TABLE 3

PART NUMBER	PICK UP TYPE		PACKAGE TYPE		PRODUCT SPEC.
	MYLAR	CAP	T&R	HARD TRAY	
47989-9112	◆			◆	PS-47989-001
47989-9122	◆		◆		
47989-9132		◆		◆	
47989-9142		◆	◆		
47989-9212	◆			◆	
47989-9222	◆		◆		
47989-9232		◆		◆	
47989-9242		◆	◆		



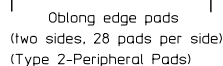
rPGA989
47989-91**



rPGA988A
47989-92**

REVISED	EC NO.	SH2011-0076	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
B			CHKO:	2010/09/06			APPR:	2010/09/17			
QUALITY SYMBOLS											
GENERAL TOLERANCES (UNLESS SPECIFIED)											
DIMENSION STYLE MM ONLY											
SCALE 2:1 DESIGN UNITS METRIC											
THIRD ANGLE PROJECTION											
TITLE RPGA989 SOCKET ASSEMBLY											
MOLEX INCORPORATED											
SD-47989-001											
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

9 8 7 6 5 4 3 2 1



tb_frame_A3_P_AM_T
Rev. F 2009/06/18