

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	NEW RELEASE	9/26/05	FWANG
B	ECN#705211: UPDATED PAD SIZE AND CLIP	5/21/07	FWANG
C	PER ECN#005051	05/06/10	FWANG

Technical drawing of a rectangular plate with rounded corners. The plate features a central grid of 24 circular holes arranged in 3 rows and 8 columns. The grid is flanked by two vertical channels, each containing a horizontal slot. The plate has four mounting tabs, one on each side. Dimensions are indicated: 29.2 (width) and 29.7 (height).

NOTES:

1. SEE TABLE BELOW FOR COMPLETE PART NUMBER WITH OPTIONS.
2. RECOMMENDED KEEP-OUT AREA: 32X32 MM.
3. COLOR OF CLIP TO BE SELECTED BASED ON CHIP HEIGHT AS ILLUSTRATED BELOW.
4. CLIP FITS MIN. 0.25 MM SOLDER BALL HEIGHT.

A diagram showing a chip mounted on a carrier. The chip is represented by a rectangle with a trapezoidal top surface. Below the chip is a carrier with a series of small circles representing pins. Dimension lines indicate the chip height excluding ball size (X) and a minimum distance of 0.25 MM between the chip and the carrier.

X	CLIP COLOR
3.3 ±0.3 MM	YELLOW
1.7 ±0.3 MM	BLUE
0.9 ±0.3 MM	ORANGE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	INM27002-hhm/2.6	ROUND PIN HEAT SINK (SEE TABLE ON THE RIGHT FOR HEIGHT CODE hh & m)	1
2	BCP30-09(27)c	27 MM EZ-SNAP CLIP (SEE TABLE ON THE RIGHT FOR CLIP CODE c)	1
3	OPTIONAL	THERMAL PAD (25X25 MM OR FULL COVERAGE OF HEAT SINK BASE)	1

COMPLETE PART NUMBER WITH OPTIONS					
ROOT	HEIGHT (hh)	MATERIAL (m)	BASE	CLIP (c)	PAD
INM27002-	12 (11.6 MM)	P (ALUMINUM)	/2.6 (2.6 MM)	Y (YELLOW)	+T710
	15 (14.6 MM)			BU (BLUE)	
	20 (19.6 MM)	PCU (COPPER)		O (ORANGE)	+OTHER
	25 (24.6 MM)			K32	
EXAMPLE PART NUMBER: INM27002-20PCU/2.6BU+T710					

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE: DECIMALS ANGLES X. ± .25 ± 1° X.X ± .25 X.XX ± .10	CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	
			APPROVALS	DATE
		MATERIAL FINISH	DRAWN	FWANG 9/26/05
			CHECKED	TSIN 9/28/05
			RESP ENG	FWANG 9/26/05
NEXT ASSY	USED ON		MFG ENG	
APPLICATION		DO NOT SCALE DRAWING	QUAL ENG	