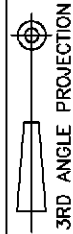


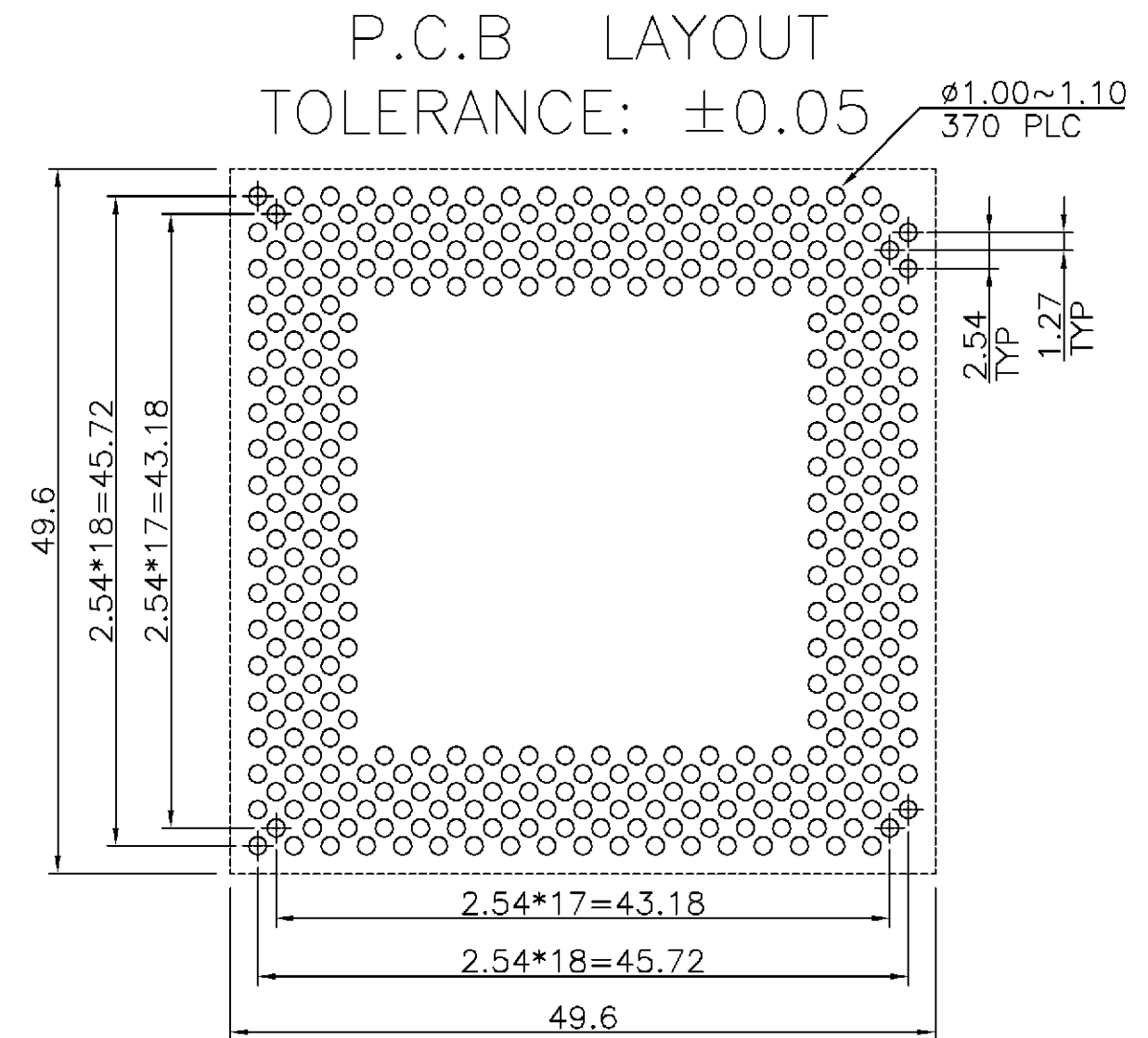
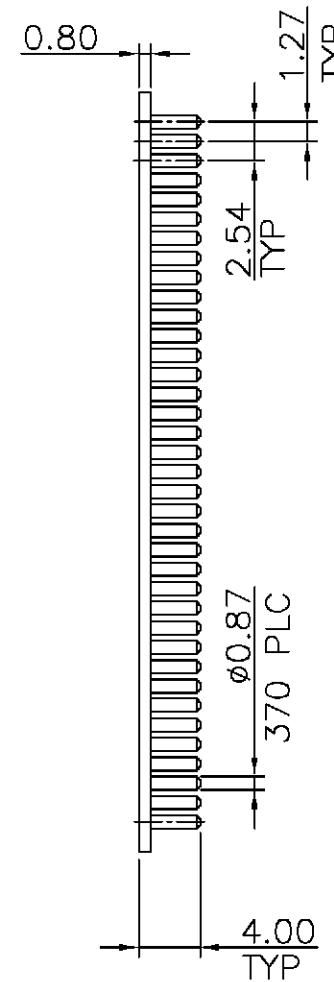
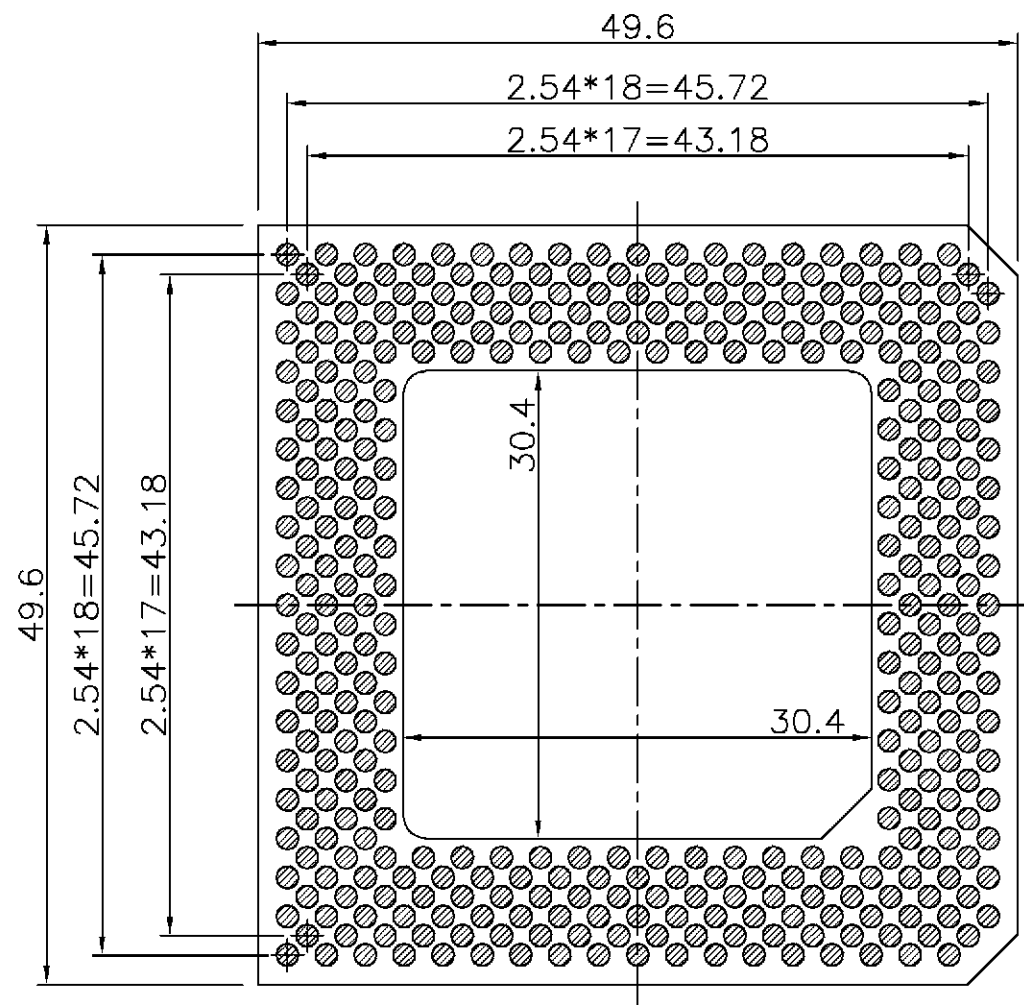
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DIMENSIONS IN MILLIMETERS. DO NOT SCALE PRINT.

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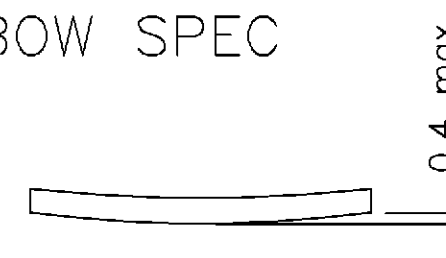
NUMBER
C-1470267



NOTE:

- MATERIAL:
HOUSING: EPOXY GLASS FABRIC, UL 94V-0, COLOR: NATURAL.
CONTACT: BeCu, THICKNESS=1.524mm.
INSERT PIN: BRASS, THICKNESS=1.825mm.
- FINISH:
CONTACT: GOLD FLASH IN CONTACT AREA,
100u" MIN. TIN PLATED ON SOLDER TAILS,
50u" MIN. NICKEL UNDERPLATED ALL OVER.
INSERT PIN: TIN PLATED.
- ELECTRICAL:
CURRENT RATING: 3 AMPS/ CONTACT MAX.
CONTACT RESISTANCE: 4 MILLIOHMS/ CONTACT MAX.
INSULATION RESISTANCE: 1 KMEGOHMS AT 100VDC.
OPERATING VOLTAGE: 60 VAC/ DC
- MECHANICAL:
MATING FORCE WITH STEELPIN OF $\phi 0.43\text{mm}$: 45gf MAX.
UMATING FORCE WITH STEELPIN OF $\phi 0.43\text{mm}$: 15gf MIN.
CONTACT RETENTION FORCE: 300gf MIN.
MECHANICAL LIFE: 200 CYCLES MIN.
OPERATION TEMPERATURES: -55°C TO +125°C (FOR GOLD PLATED).
-40°C TO +105°C (FOR TIN PLATED).
SOLDERING TEMPERATURES: +260°C FOR 10 SECONDS MAX.
- APPLICATIONS AND FEATURES:
LOW INSERTION FORCE SOCKET. 3 FINGERS CONTACTS
COLOSED END CONSTRUCTION FOR 100% ANTI-WICKING OF SOLDER.

HOUSING BOW SPEC



PGA 370	370	1470267-1
APP. CPU	PIN NO.	PART NUMBER

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm$ 1 PLC ± 0.3 2 PLC ± 0.1 3 PLC $\pm$ ANGLES $\pm$	DWN O. HU 04-OCT-2004	tyco Electronics TYCO HOLDINGS (BERMUDA) VII LTD. TAIWAN BRANCH
	CHK S. HOU 04-OCT-2004	
MATERIAL SEE NOTE	APVD W.J. KE 04-OCT-2004	TEST SOCKET, LIF, PGA 37X37, LOW PROFILE
	PRODUCT SPEC SEE NOTE.	
FINISH SEE NOTE	APPLICATION SPEC -	LOC DW
	WEIGHT	SCALE
		DRAWING NO C-1470267
		REV C
		SHEET 1 OF 3

C	REVISED DRAWING	FZ00-0219-04	OH SH	06OCT 2004
B	REVISED DRAWING	FZ00-0180-04	OH SH	06AUG 2004
LTR	REVISION RECORD	ECN	DWN CHK	DATE

CUSTOMER DRAWING

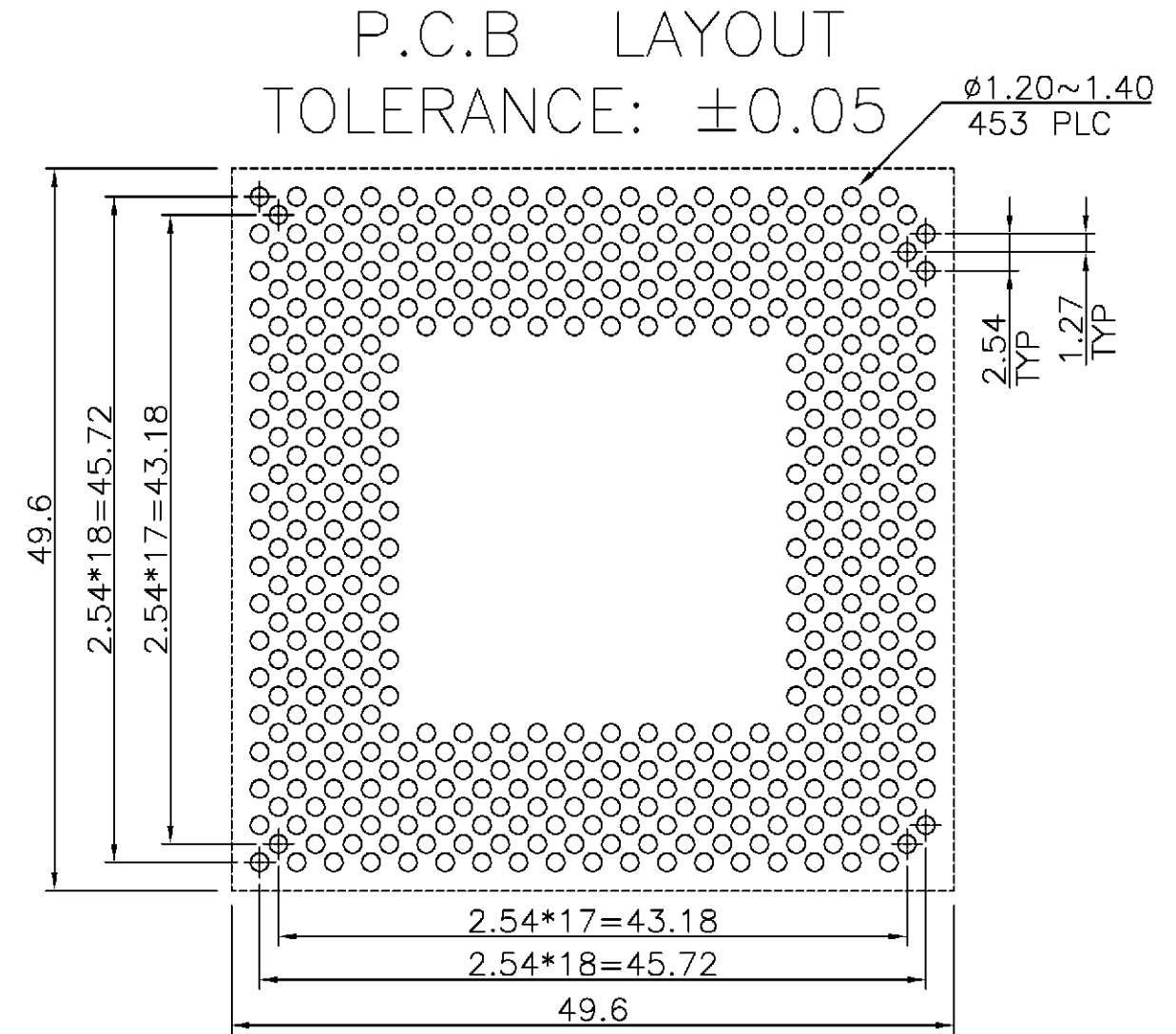
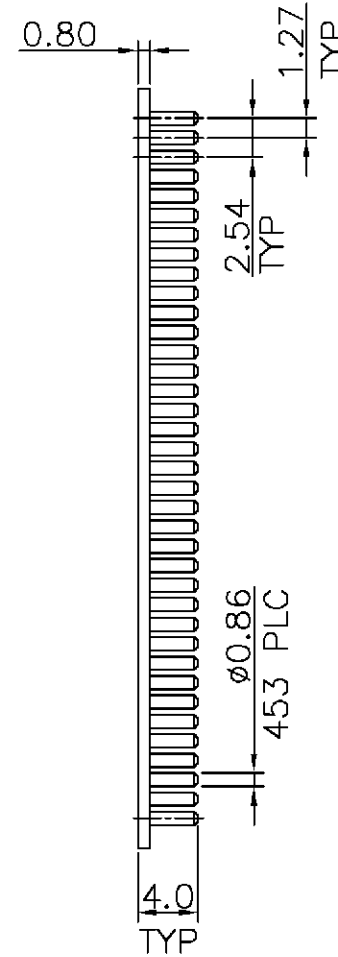
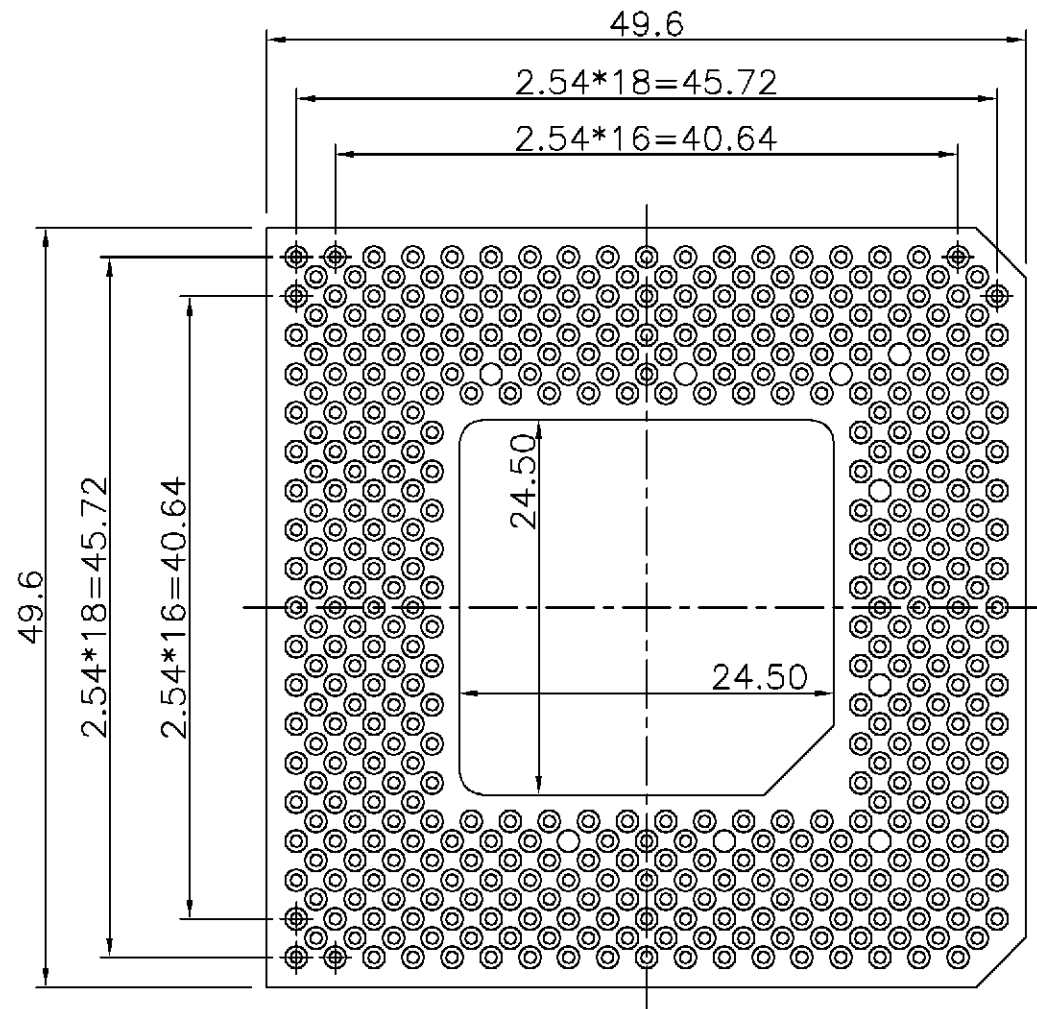
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METRIC



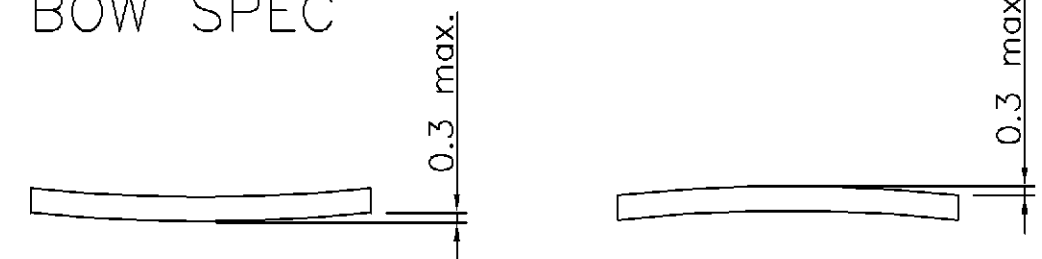
NUMBER
C-1470267



NOTE:

- MATERIAL:**
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR: BLACK.
CONTACT: BeCu, THICKNESS=1.524mm.
INSERT PIN: BRASS, THICKNESS=1.825mm.
- FINISH:**
CONTACT: GOLD FLASH IN CONTACT AREA, 100u" MIN. TIN PLATED ON SOLDER TAILS, 50u" MIN. NICKEL UNDERPLATED ALL OVER.
INSERT PIN: TIN PLATED.
- ELECTRICAL:**
CURRENT RATING: 3 AMPS/ CONTACT MAX.
CONTACT RESISTANCE: 4 MILLIOHMS/ CONTACT MAX.
INSULATION RESISTANCE: 1 KMEGOHMS AT 100VDC.
OPERATING VOLTAGE: 60 VAC/ DC
- MECHANICAL:**
MATING FORCE WITH STEELPIN OF $\phi 0.43\text{mm}$: 45gf MAX.
UMATING FORCE WITH STEELPIN OF $\phi 0.43\text{mm}$: 15gf MIN.
CONTACT RETENTION FORCE: 300gf MIN.
MECHANICAL LIFE: 200 CYCLES MIN.
OPERATION TEMPERATURES: -55°C TO +125°C (FOR GOLD PLATED).
-40°C TO +105°C (FOR TIN PLATED).
SOLDERING TEMPERATURES: +260°C FOR 10 SECONDS MAX.
- APPLICATIONS AND FEATURES:**
LOW INSERTION FORCE SOCKET. 3 FINGERS CONTACTS
COLOSED END CONSTRUCTION FOR 100% ANTI-WICKING OF SOLDER.

HOUSING BOW SPEC



PGA 462	453	1470267-2
APP. CPU	PIN NO.	PART NUMBER

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm$ 1 PLC ± 0.3 2 PLC ± 0.1 3 PLC $\pm$ ANGLES $\pm$	DWN O. HU 04-OCT-2004	tyco Electronics TYCO HOLDINGS (BERMUDA) VII LTD. TAIWAN BRANCH
	CHK S. HOU 04-OCT-2004	
MATERIAL SEE NOTE	APVD W.J. KE 04-OCT-2004	TEST SOCKET, LIF, PGA 37X37, LOW PROFILE
	PRODUCT SPEC SEE NOTE.	
FINISH SEE NOTE	APPLICATION SPEC -	LOC DW
	WEIGHT	SCALE --
		DRAWING NO C-1470267
		REV C
		SHEET 2 OF 3

SEE SHEET 1.	ECN	DWN CHK	DATE
LTR	REVISION RECORD		

CUSTOMER DRAWING

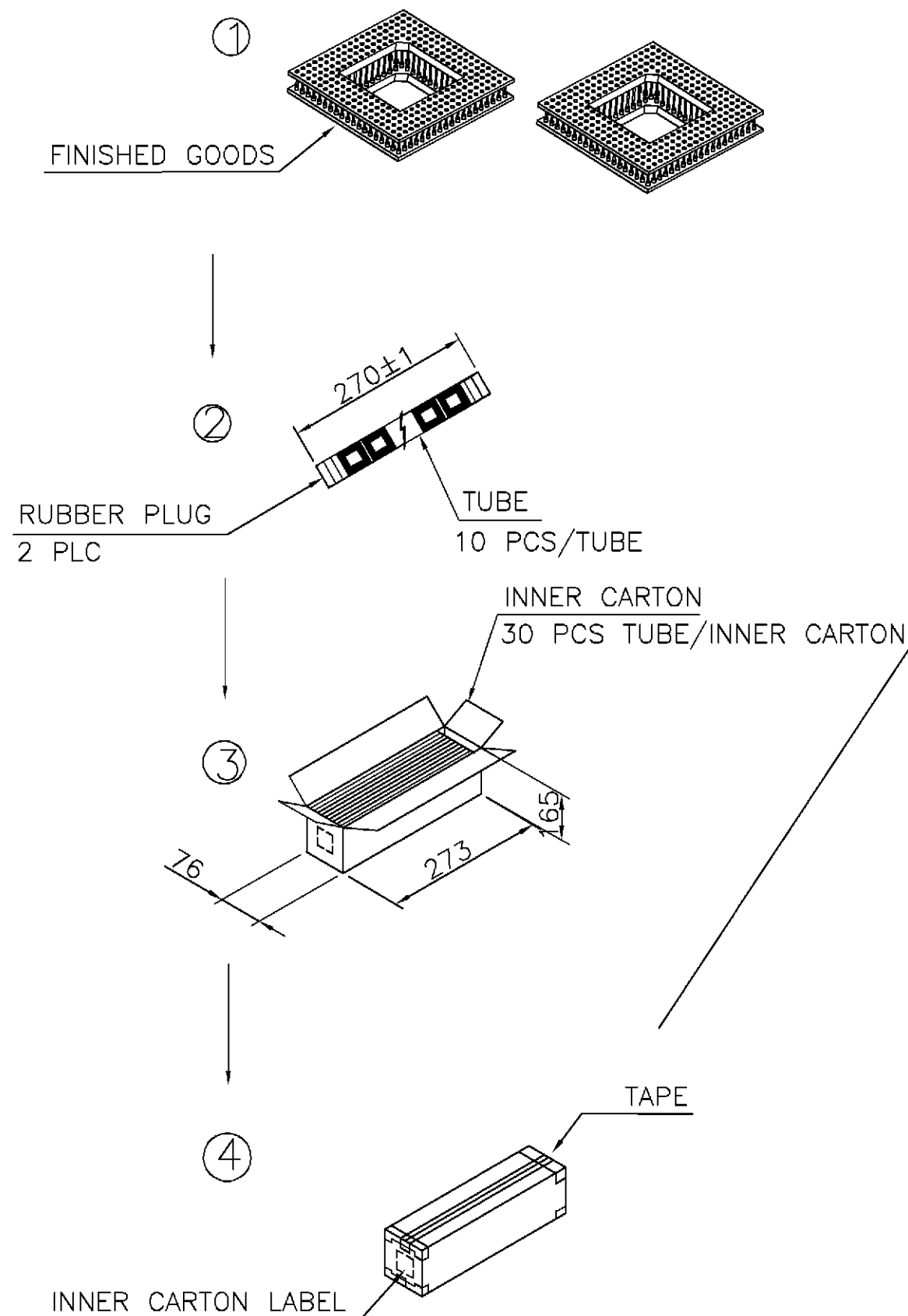
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NUMBER
C-1470267



SEE SHEET 1.	ECN	DWN	CHK	DATE
LTR	REVISION RECORD			

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± ANGLES ±	DWN	O. HU 04-OCT-2004	tyco Electronics TYCO HOLDINGS (BERMUDA) VII LTD. TAIWAN BRANCH
	CHK	S. HOU 04-OCT-2004	
MATERIAL SEE NOTE	APVD	W.J. KE 04-OCT-2004	NAME TEST SOCKET, LIF, PGA 37X37, LOW PROFILE
	PRODUCT SPEC	-	
FINISH SEE NOTE	APPLICATION SPEC	-	LOC DW
	WEIGHT	-	SIZE A₃
		SCALE --	DRAWING NO C-1470267
		REV C	
		SHEET 3 OF 3	

CUSTOMER DRAWING