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20

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LOC

DIST

REVISIONS

GP

00

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

SEE SHEET 1

-

-

-

1

MATERIAL:

BASE, SPACER, COVER: THERMOPLASTIC

PICK UP CAP: THERMOPLASTIC

CONTACT: COPPER ALLOY

SOLDER BALL: Sn/Pb FOR P/N 1761614-1 THRU 5-1761614-0

Sn/Ag FOR P/N 5-1761614-1 THRU 9-1761614-9

2

FINISH:

CONTACT: 0.00076 MIN GOLD OVER 0.00127 MIN NICKEL.

(30μ" MIN GOLD OVER 50μ" MIN NICKEL)

3

SOLDER BALLS WILL NOT BE PERFECT

SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

4

CONTACTS IN ROWS A,C,E,G,J,K,M,P,R, AND T

ARE SINGLE BEAM CONTACTS,

TYPICALLY USED AS GROUND PINS.

(NOTE: CONTACTS IN ROW J & K ARE TIED

TOGETHER [COMMONED]).

5

CONTACTS IN ROWS B,D,F,H,L,N,Q, AND S

ARE DUAL BEAM CONTACTS,

TYPICALLY USED AS SIGNAL PINS.

6

SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD
LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE
OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS
SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED
PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE
APPLICATION SPEC 114-13101.

7

-

8

REFERENCE BOARD PATTERN FOR DIMENSIONS

AND DETAILS NOT SHOWN.

9

HARD BLACK PLASTIC JEDEC STYLE TRAY.

10

PACKAGING:

28 CONNECTORS PER TRAY.

8 TRAYS PER SHIPPING BOX.

SOLD ONLIN BOX QUANTITIES (224).

AVAILABLE IN SINGLE SOFT CLEAR TRAY QUANTITY (25)

AS X-1761614-X (SAME DASH NUMBERS).

11

ANTISTATIC MATERIAL.

12

CONNECTOR ORIENTATION:

POSITION A1 IN UPPER RIGHT CORNER.

DI
SIGNAL/GROUNDCI
GROUNDBI
SIGNAL/GROUNDAI
GROUNDA2
GROUNDB2-B3
DIFFERENTIAL PAIR
TYPICALA3
GROUND

PLUG INTERFACE

SCALE 8:1

BLUE	16.3	14.65	15.95	FULL LOAD-200	15mm Sn/Ag	6-2007614-5
BLUE	26.3	24.65	25.95	FULL LOAD-200 POSN	25mm Sn/Ag	7-2007614-5
BLUE	11.3	9.65	10.95	FULL LOAD-200 POSN	10mm Sn/Ag	6-2007614-0
BLACK	16.3	14.65	15.95	FULL LOAD-200 POSN	15mm Sn/Pb	1-2007615-5
BLACK	26.3	24.65	25.95	FULL LOAD-200 POSN	25mm Sn/Pb	2-2007614-5
BLACK	11.3	9.65	10.95	FULL LOAD-200 POSN	10mm Sn/Pb	1-2007614-0
TRAY COLOR	DIM T	DIM H	DIM G	LOAD STYLE	DESCRIPTION	PART NUMBER

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DWN B. CARBO 12NOV2007

CHK D. DIXON 12NOV2007

APVD D. DIXON 12NOV2007

PRODUCT SPEC

108-2143

APPLICATION SPEC

114-13101

WEIGHT

-

CUSTOMER DRAWING

 Tyco Electronics

Tyco Electronics

Harrisburg, PA 17105-3608

NAME
STEP-Z, PLUG ASSEMBLY,
200 SIGNAL POSITION
-

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A300779C-2007614

SCALE

-

SHEET

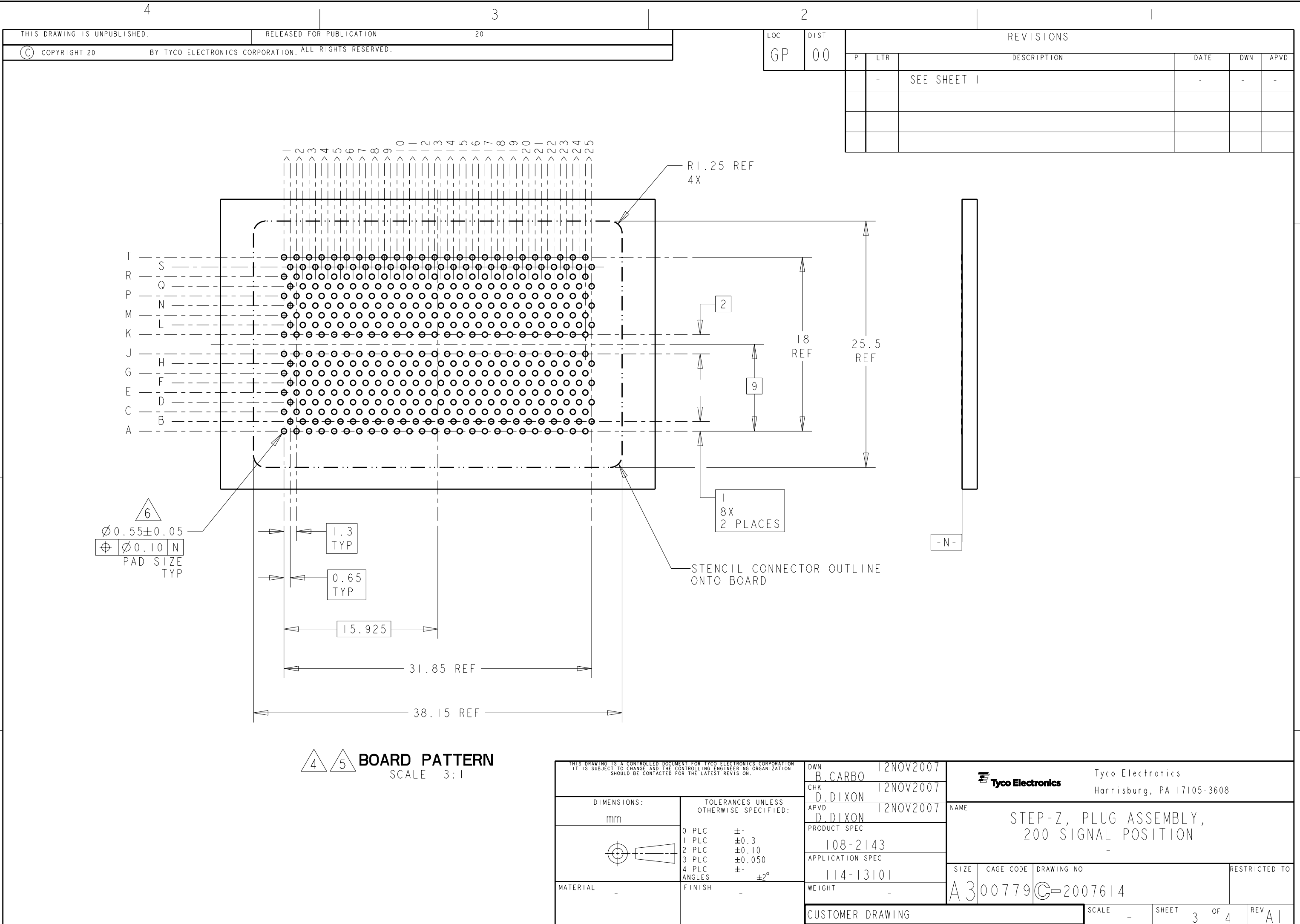
2

OF

4

REV

A1



2		1					
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

D

D

C

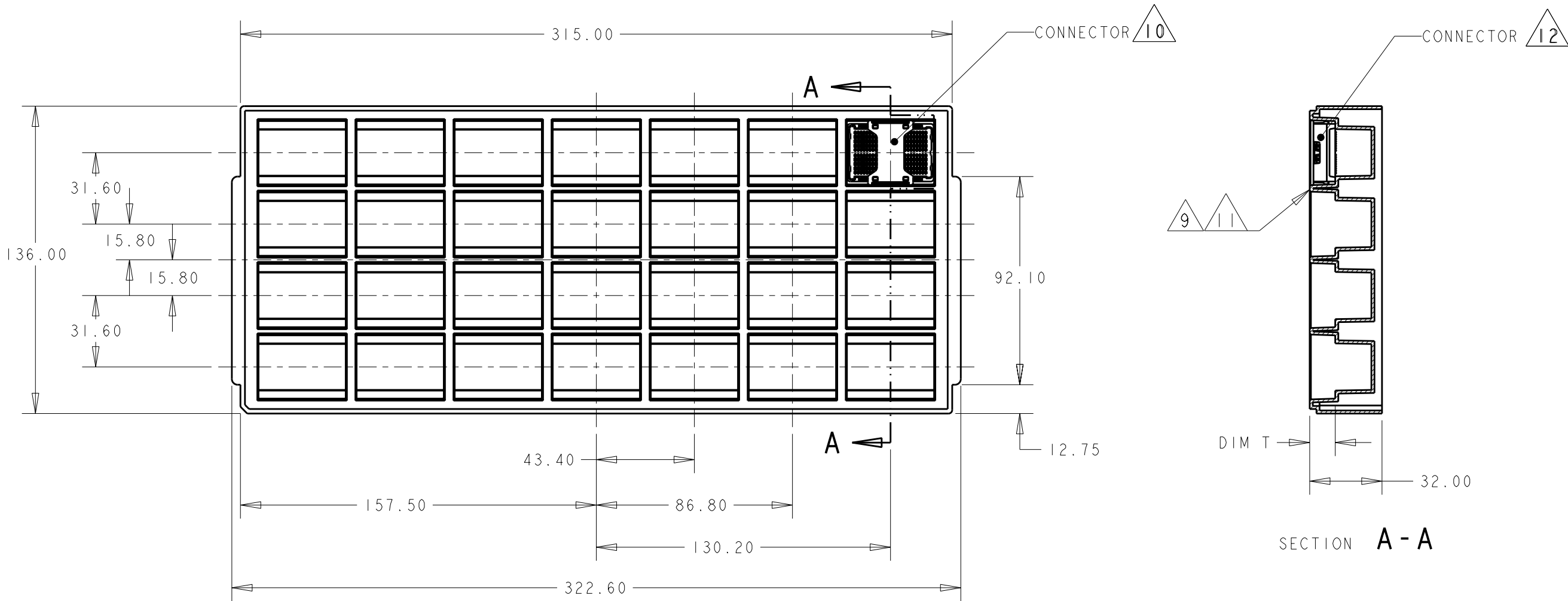
C

B

B

A

A



SCALE 1:2

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		CHK D. DIXON	12NOV2007		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. DIXON	12NOV2007	NAME STEP-Z, PLUG ASSEMBLY, 200 SIGNAL POSITION -	
		PRODUCT SPEC 108-2143			
	0 PLC ±- 1 PLC ±0.3 2 PLC ±0.10 3 PLC ±0.050 4 PLC ±- ANGLES ±2°	APPLICATION SPEC 114-13101		SIZE A3	
		WEIGHT -			
MATERIAL -	FINISH -	CUSTOMER DRAWING		SCALE -	SHEET 4 OF 4
				REV A1	