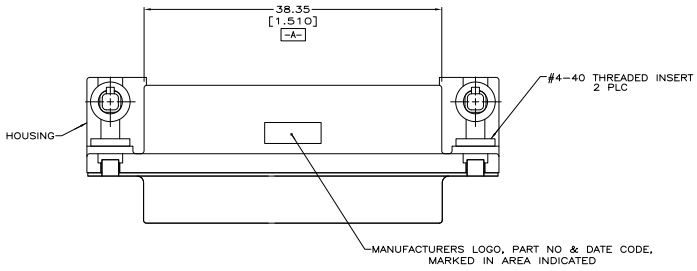
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -.-.-
© COPYRIGHT - By - ALL RIGHTS RESERVED

UOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	P	REVISED PER ECO-11-004835	11MAR11	RK	HMR



1. HOUSING & FACE COVER: NYLON, THERMOPLASTIC, UL 94V0 RATED, BLACK; SHELL: CARBON STEEL
SOCKET CONTACTS: PHOSPHOR BRONZE; EYELETS: BRASS;
THREADED INSERTS: ZINC; BOARDLOCKS: COPPER ALLOY.

2. SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [.050] MIN FROM MATING END,
0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm[.000100] MIN
TIN FOR A LENGTH OF 3.56[.140] MIN FROM OPPOSITE
END, BOTH OVER 1.27µm[.000050] MIN NICKEL.
EYELETS: 2.54µm [.000100] MIN TIN OVER COPPER FLASH.
SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
THREADED INSERTS: CLEAR CHROMATE.
BOARDLOCKS: 3.81µm [.000150] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.

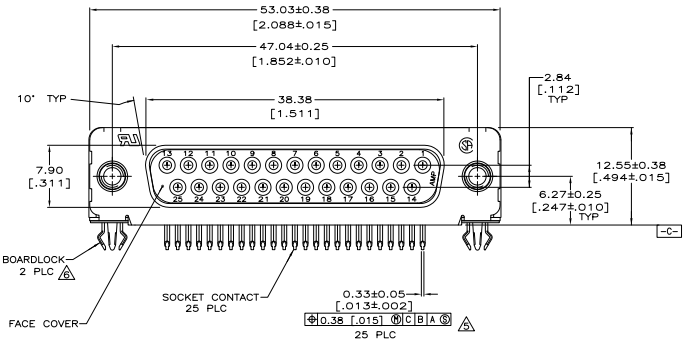
3. SOCKET CONTACTS: GOLD PLATED FOR A LENGTH OF 1.27 [.050] MIN FROM MATING END,
GOLD FLASH IN MATED AREA, 2.54µm[.000100] MIN TIN
FOR A LENGTH OF 3.56[.140] MIN FROM OPPOSITE END, BOTH OVER
1.27µm[.000050] MIN NICKEL.
EYELETS: 2.54µm [.000100] MIN TIN OVER COPPER FLASH.
SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
THREADED INSERTS: CLEAR CHROMATE.
BOARDLOCKS: 3.81µm [.000150] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.

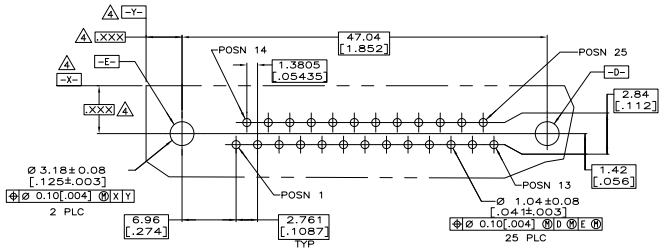
4. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

5. POSITION TOLERANCE APPLIES AT CONTACT TIP.

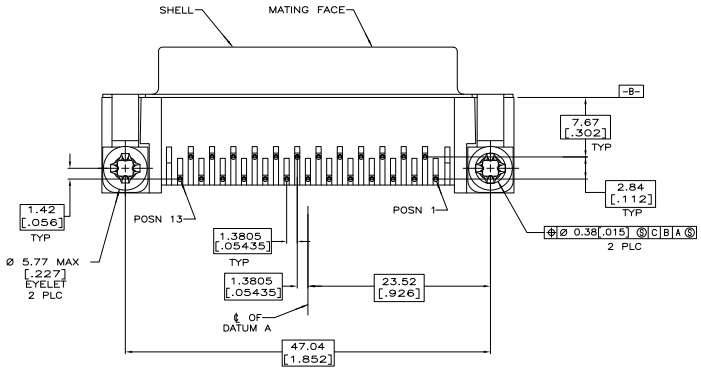
6. BOARDLOCKS WILL ACCEPT .062 MAX PRINTED CIRCUIT BOARD THICKNESS.

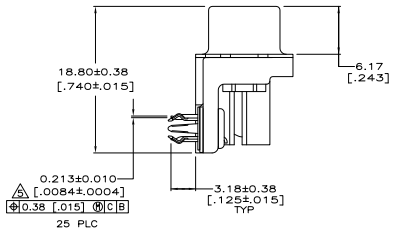
7. COMPATIBLE WITH TYPICAL HIGH TEMPERATURE SOLDERING APPLICATIONS
TO A MAXIMUM OF 225° C FOR A MAXIMUM DURATION OF 90 SECONDS.
TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.





RECOMMENDED PC BOARD LAYOUT
1.57 [.062] PC BOARD THICKNESS





3	5788800-2
2	5788800-1
FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]
UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± .1
2 PLC ± 0.13 [.005]
3 PLC ± .01
4 PLC ± –
ANGLES ± 2°
FINISH SEE TABLE
MATERIAL 1

TBR A. ALCORTA – DOCKS 04-13-05
CHK S. BOLASH 04-13-05
APVD M. WALMSLEY 04-11-05
PRODUCT SPEC 108-40025
APPLICATION SPEC 114-40010
WEIGHT –
CUSTOMER DRAWING

TE Connectivity

NAME RCPT ASSEMBLY, SIZE 3, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE HD-20

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-5788800	–

SCALE 4:1 SHEET 1 OF 1 REV P

4805 (3/11)