

1. CONNECTOR DIMENSIONS ARE PER ARINC 600 SPECIFICATION
2. CONTACTS NOT SHOWN IN FRONT & REAR VIEWS FOR CLARITY.
3. KEYING SHOWN IN POSITION FOR REFERENCE ONLY. SEE TABLE FOR KEYING POSITION. FOR POSITION "00" KEYING SHIPPED UNASSEMBLED.
4. INSTALLED CONTACT LOCATIONS:
CAVITY B: SIZE 22 POSTED QTY=60 (P/N 211431-4) (-1 ONLY)
CAVITY C: SIZE 16 POSTED; QTY=2; POSITIONS 2 & 4; (P/N 1-1663128-0) (-1 ONLY)
SIZE 12 POSTED; QTY=1; POSITION 3; (P/N 1663129-8) (-1 ONLY)
- CAVITY B: SIZE 22 POSTED QTY=60 (P/N 211431-6) (-2 & -4 ONLY)
CAVITY C: SIZE 16 POSTED; QTY=2; POSITIONS 2 & 4; (P/N 1663128-5) (-2 & -4 ONLY)
SIZE 12 POSTED; QTY=1; POSITION 3; (P/N 1663129-5) (-2 & -4 ONLY)
SIZE 5 POSTED; QTY=2; POSITION 1 & 5; (P/N 1663535-1) (-2 & -4 ONLY) (FREELY ROTATES)

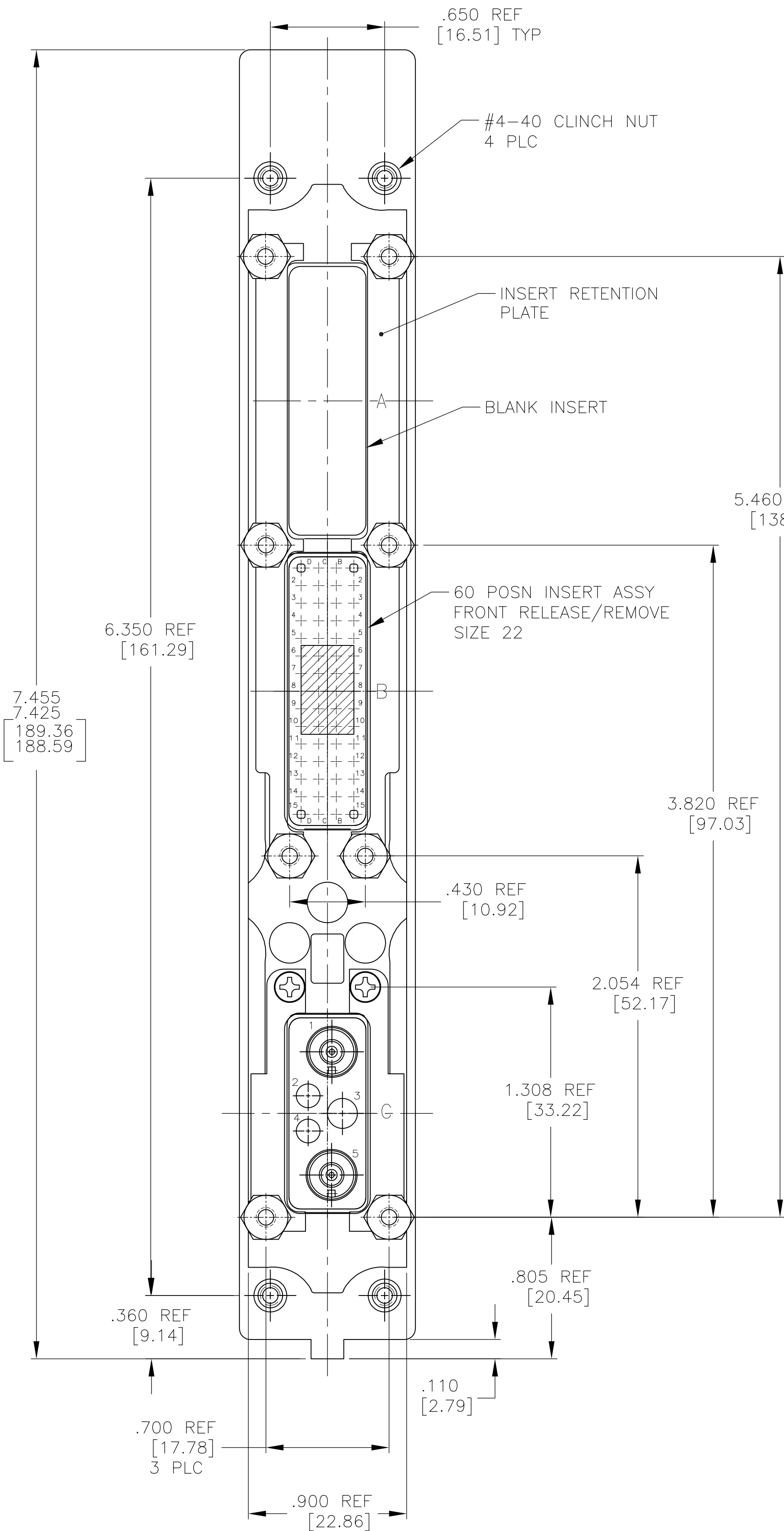
5. DIMENSION APPLIES WITH CONTACTS FULLY SEATED TO REAR OF CONTACT CAVITIES.
6. SIZE 5 CAVITIES ARE GROUNDED TO SHELL.
7. FASTENER TORQUE TO BE 1.5-2.0 in-lb.
8. FASTENER TORQUE TO BE 2.5-3.0 in-lbf.


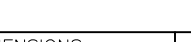
1757625-1
AS SHOWN

COMPONENT	MATERIAL	FINISH
SHELL	ALUMINUM ALLOY A380 PER ASTM-B-85	ELECTROLESS NICKEL PER MIL-C-26074
RETENTION PLATES	ALUMINUM ALLOY PER ASTM-B-209	ELECTROLESS NICKEL PER MIL-C-26074
PAN HEAD SCREWS AND LOCKWASHERS	STAINLESS STEEL	PASSIVATED
FLAT HEAD SCREWS (FOR KEYING HARDWARE)	STAINLESS STEEL	PASSIVATED
POLARIZING KEYS	ZINC ALLOY PER ASTM-B-86	-
POLARIZING KEY RETAINING PLATE	ALUMINUM ALLOY PER ASTM-B-209	BLUE ANODIZED PER MIL-A-8625
BLANK INSERT	TEFLON	-
60 & 5C2 INSERTS	THERMOSET	-
STANDOFF	STAINLESS STEEL	PASSIVATED

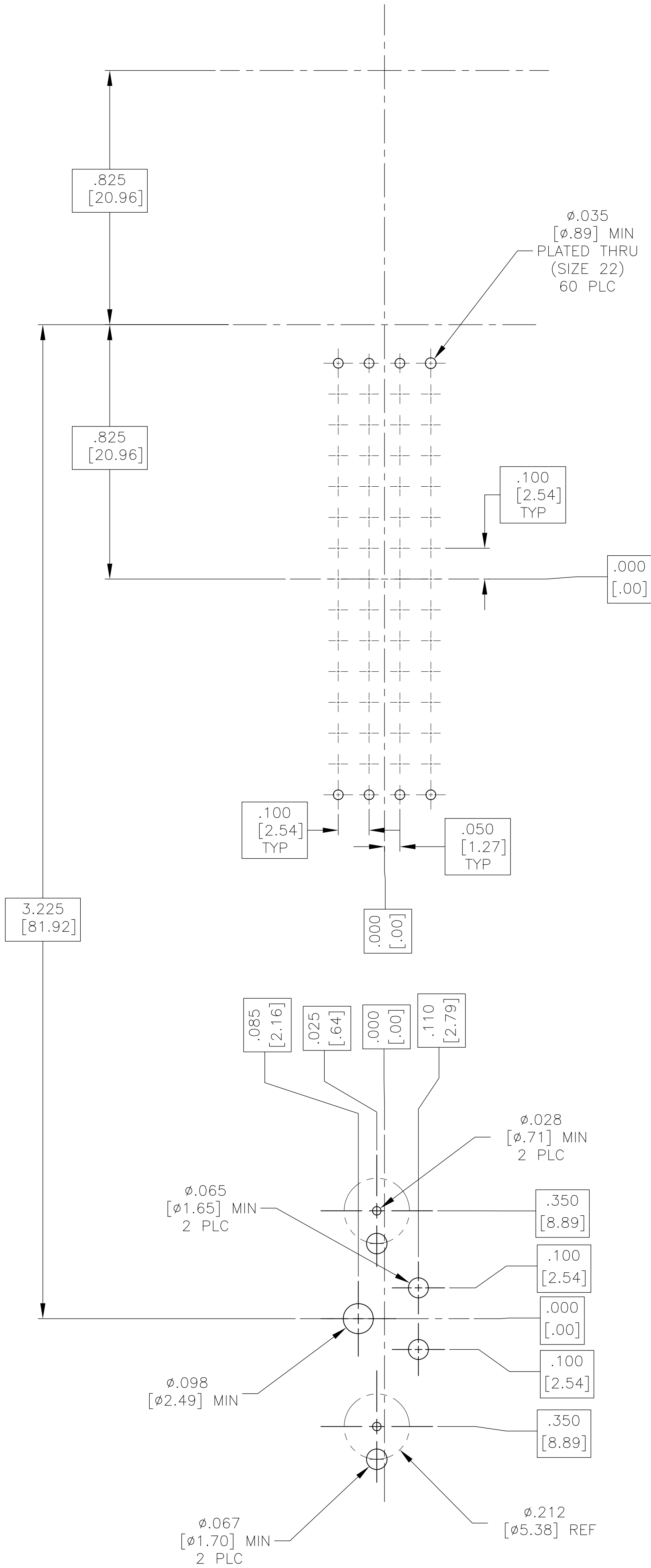
THIS DRAWING IS A CONTROLLED DOCUMENT.	
DIMENSIONS: INCHES [mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -	1 PLC ± -
2 PLC ± -	3 PLC ± .005 [0.13]
4 PLC ± -	ANGLES ± -
MATERIAL SEE TABLE	FINISH SEE TABLE

SEE SHEET #2	"02"	1757625-4
SEE SHEET #2	"136"	1757625-2
SEE SHEET #1	"02"	1757625-1
VIEW	KEYING POSITION	PART NUMBER
DWN C.C.THOMAS 1-4-05 CHK K.HOGAN 1-4-05 APVD K.HOGAN 1-4-05 PRODUCT SPEC		
NAME RCPT ASSY, SIZE 1, ARINC 600 (BLANK/60/5C2)		
SIZE	CAGE CODE	DRAWING NO
A1	00779	1757625
CUSTOMER DRAWING		
SCALE	2:1	SHEET 1 OF 3
REV	S	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG: C.C. THOMAS 1-4-05 CHK: K. HOGAN 1-4-05		 TE Connectivity	
DIMENSIONS: INCHES [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RCPT ASSY. SIZE 1, ARINC 600 (BLANK/60/5C2)	
		K. HOGAN PRODUCT SPEC APPLICATION SPEC		SIZE A1 00779	
MATERIAL SEE TABLE		FINISH SEE TABLE		DRAWING NO 1757625	
		WEIGHT —		RESTRICTED TO —	
CUSTOMER DRAWING				SCALE 2:1 SHEET 2 OF 3 REV S	

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—



RECOMMENDED P.C. BOARD LAYOUT
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS CHK K.HOGAN	1-4-05 1-4-05	TE Connectivity	
DIMENSIONS: INCHES [mm]		APVD K.HOGAN PRODUCT SPEC	1-4-05	NAME RCPT ASSY, SIZE 1, ARINC 600 (BLANK/60/5c2)	
		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 [0.13] 4 PLC ± - ± - ANGLES ± -		APPLICATION SPEC —	
MATERIAL SEE TABLE		FINISH SEE TABLE		WEIGHT 0	
CUSTOMER DRAWING		SCALE 2:1		SHEET 3 OF 3	
		REV S			

Mouser Electronics

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[TE Connectivity:](#)

[1757625-1](#)