

4

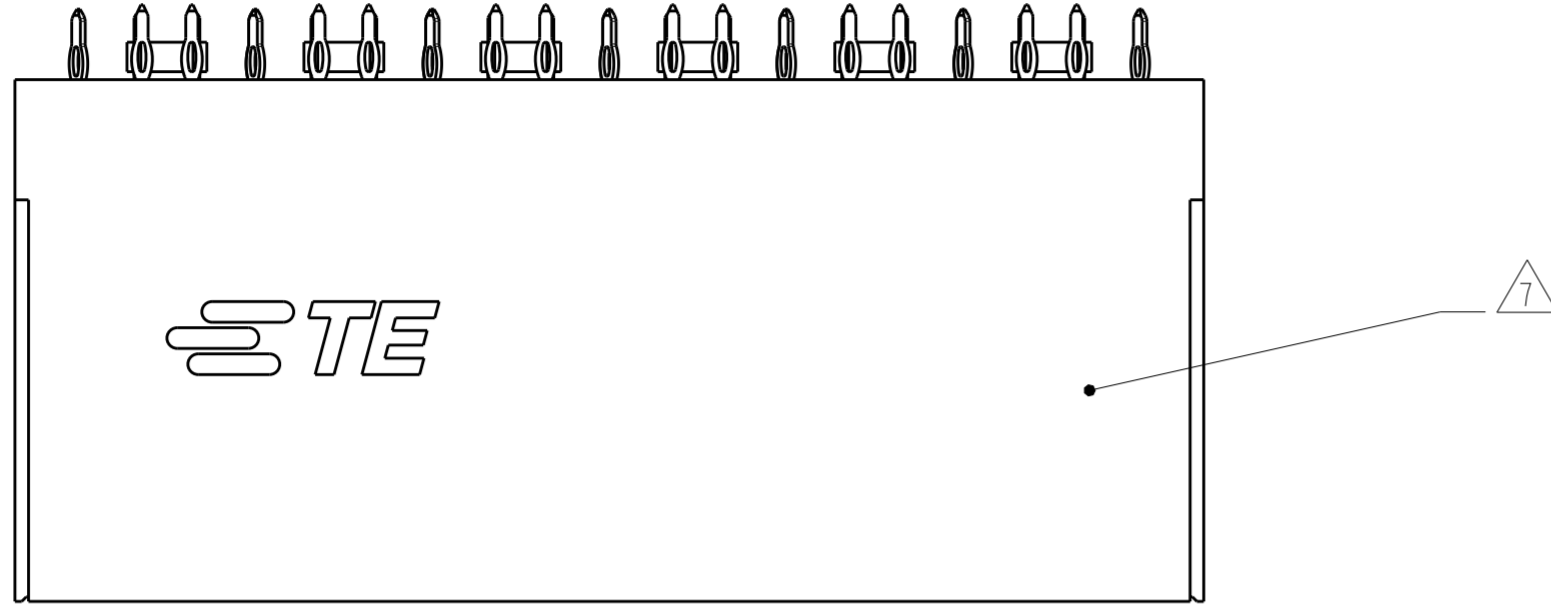
3

2

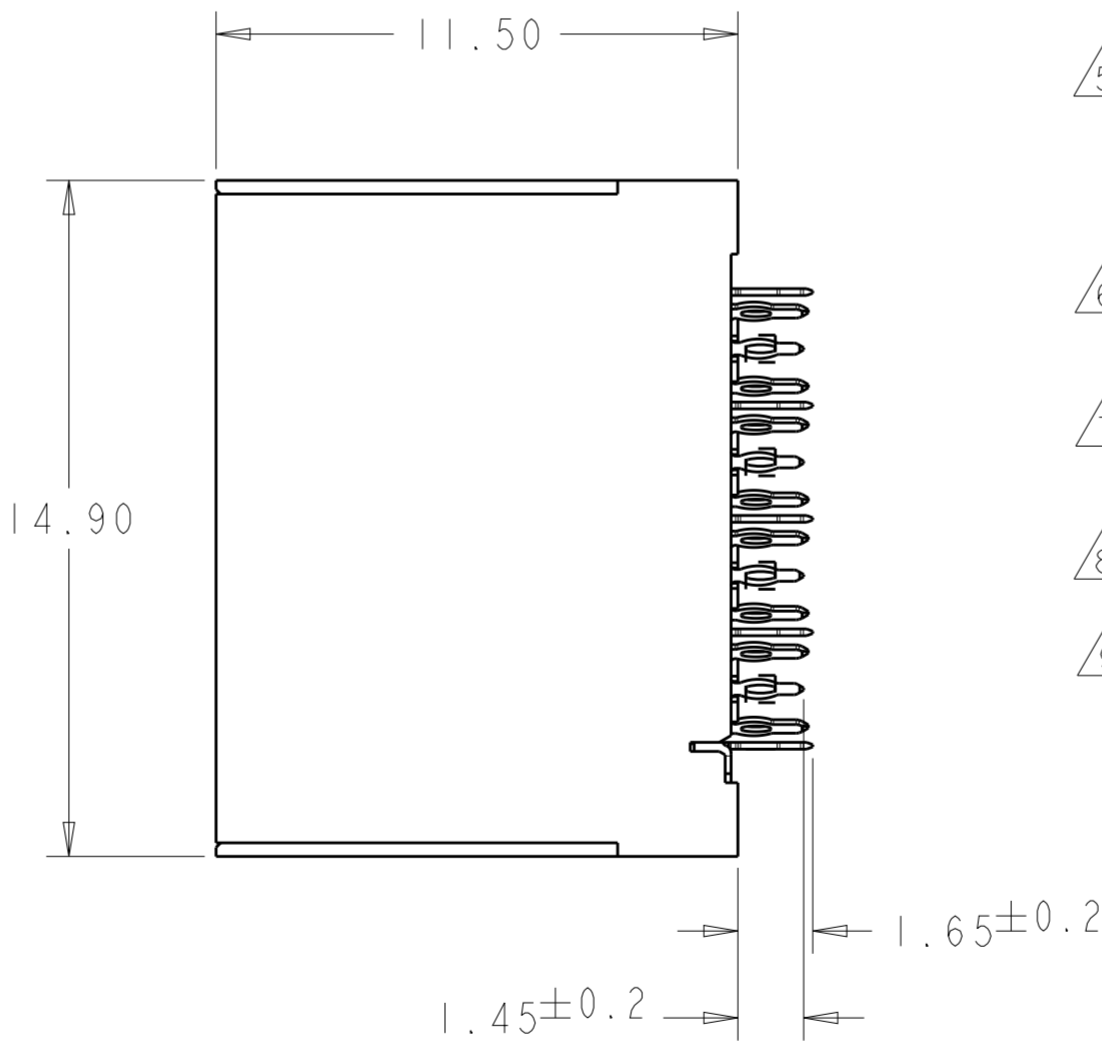
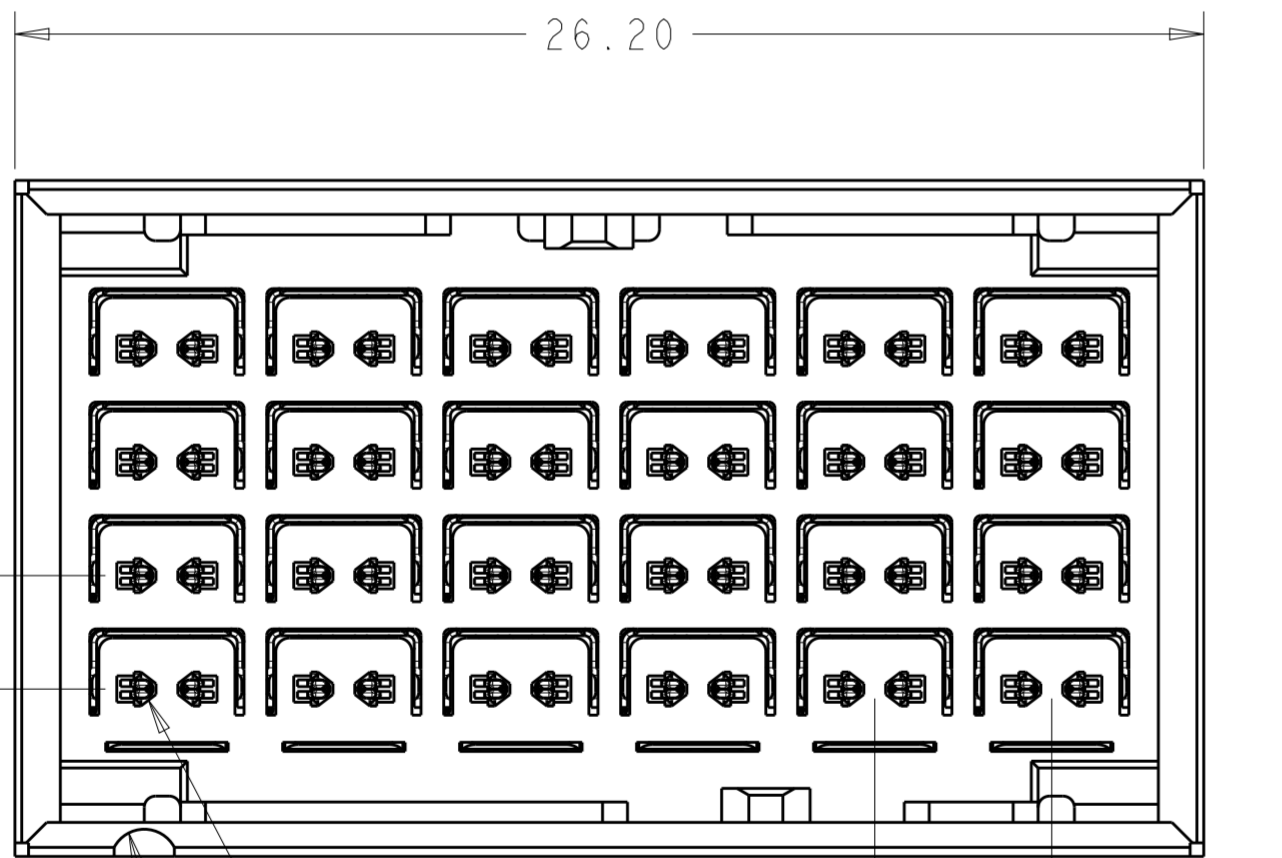
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2011  
 © COPYRIGHT 2011 BY TE CONNECTIVITY ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B		REVISED PER ECO-16-009293	22JUN2016	AP	RP
		C		REVISED PER ECO-17-017397	28NOV2017	AP	RP



- 1 MATERIAL:  
HOUSING: THERMOPLASTIC, UL 94V-0, BLACK  
CONTACTS AND SHIELDS: COPPER ALLOY
- 2 FINISH:  
- CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-32021 BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III, APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE).  
- COMPLIANT PIN AREA: 0.5µm MIN MATTE TIN.



- 3 SIGNAL PLATED THRU HOLE REQUIREMENTS:  
FINISHED HOLE =  $\varnothing 0.34 \pm 0.05$   
HOLE SIZE PRIOR TO PLATING =  $\varnothing 0.420 \pm 0.025$   
COPPER THICKNESS = 0.025 MIN  
IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 4 GROUND PLATED THRU HOLE REQUIREMENTS:  
FINISHED HOLE:  $0.37 \pm 0.05$   
HOLE SIZE PRIOR TO PLATING:  $0.45 \pm 0.025$   
COPPER THICKNESS: 0.025 MIN  
IMMERSION TIN IF APPLICABLE: 0.00095 REF
- 5 SI VIA PLATED THRU HOLE REQUIREMENTS:  
HOLE SIZE PRIOR TO PLATING =  $0.450 \pm 0.025$   
COPPER THICKNESS = MIN REQUIRED TO MEET REQUIRED ELECTRICAL PERFORMANCE
- 6 PTH DIMENSIONS APPLY TO THE TOP 1.00mm OF THE PCB THICKNESS FROM THE CONNECTOR MOUNTING SIDE.
- 7 CONNECTOR MARKED WITH PART NUMBER, DATE CODE, AND "100 OHM" IN APPROXIMATE AREA SHOWN.
- 8 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 9 APPLIES TO FINISHED HOLE DIAMETER.

(2.50)  
ROW A

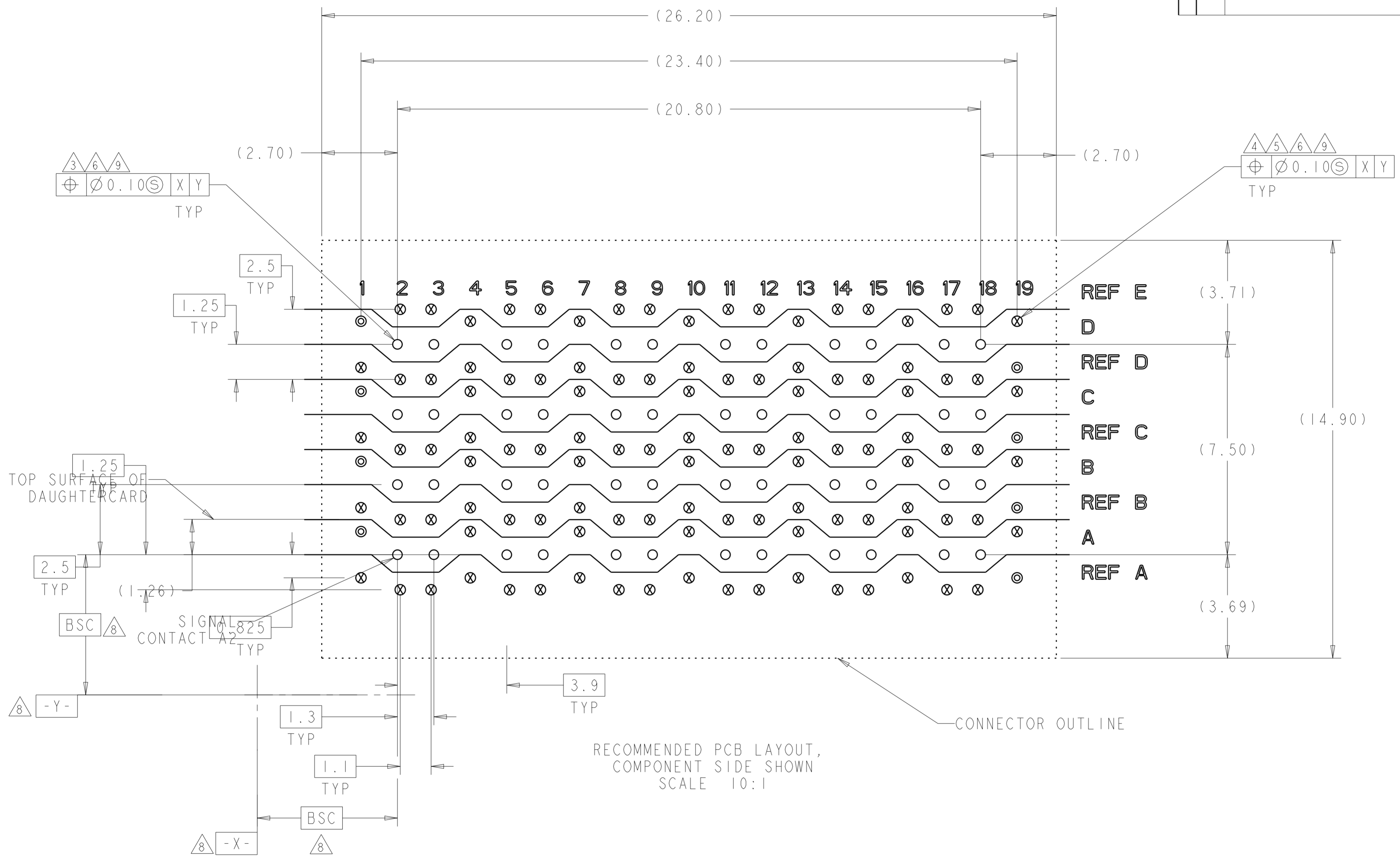
SIGNAL CONTACT A2  
POSITION A1  
CORNER INDICATOR

2187224-1  
PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. K. SHOBER 06DEC2011	TE Connectivity	
		CHK W. DAVIS 06DEC2011		
DIMENSIONS: mm		APVD -	NAME HEADER ASSEMBLY, 4 PAIR, 6 COLUMN, BACKPLANE, 100 OHM, PAIR-IN-ROW, STRADA WHISPER	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-32021	SIZE A2	
0 PLC ±		APPLICATION SPEC 114-32029	CAGE CODE 100779	DRAWING NO C-2187224
1 PLC ±0.13		WEIGHT -	SCALE 6:1	SHEET 1 OF 2
2 PLC ±		CUSTOMER DRAWING		
3 PLC ±		RESTRICTED TO -		
4 PLC ±		REV C		
ANGLES ±				
FINISH				

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2011  
 © COPYRIGHT 2011 BY TE CONNECTIVITY ALL RIGHTS RESERVED.

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



o = SIGNAL  
 x = GROUND  
 o with x = SIGNAL INTEGRITY VIA TO GROUND

RECOMMENDED PCB LAYOUT,  
 COMPONENT SIDE SHOWN  
 SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. K. SHOBER 06DEC2011	TE Connectivity
DIMENSIONS: mm		CHK W. DAVIS 06DEC2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.13 3 PLC ± 4 PLC ± ANGLES ± FINISH		APVD -	NAME HEADER ASSEMBLY, 4 PAIR, 6 COLUMN, BACKPLANE, 100 OHM, PAIR-IN-ROW, STRADA WHISPER
MATERIAL		PRODUCT SPEC 108-32021	SIZE A2
		APPLICATION SPEC 114-32029	CAGE CODE 00779
		WEIGHT -	DRAWING NO C-2187224
		CUSTOMER DRAWING	RESTRICTED TO -
		SCALE 4:1	SHEET 2 OF 2
			REV C