

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECO-16-000464	09MAR2016	AP	RP
	B	REVISED PER ECO-17-003153	14MAR2017	AP	RP

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C

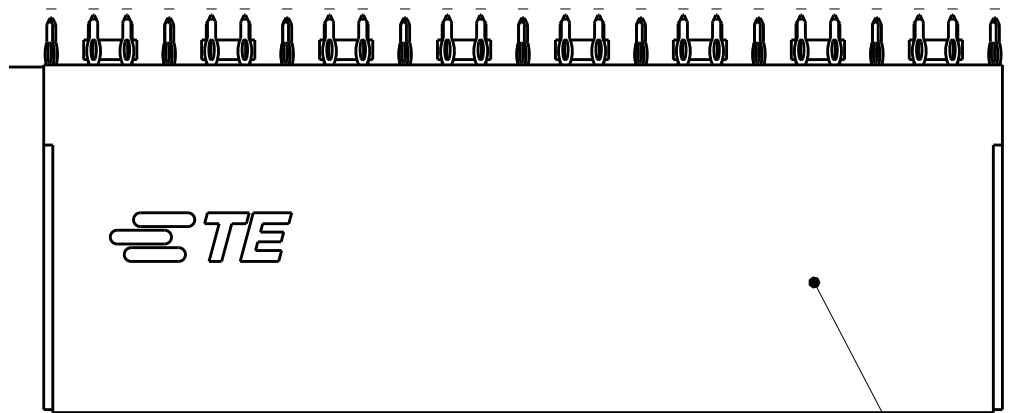
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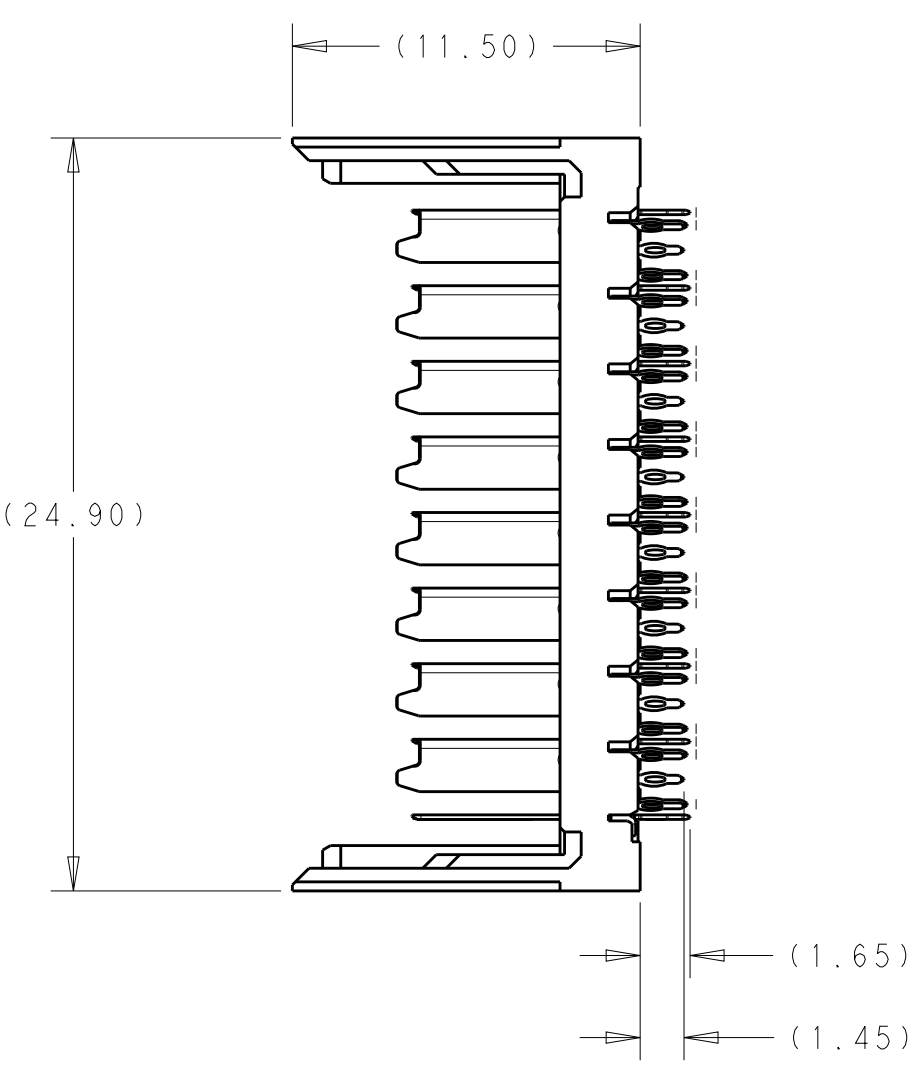
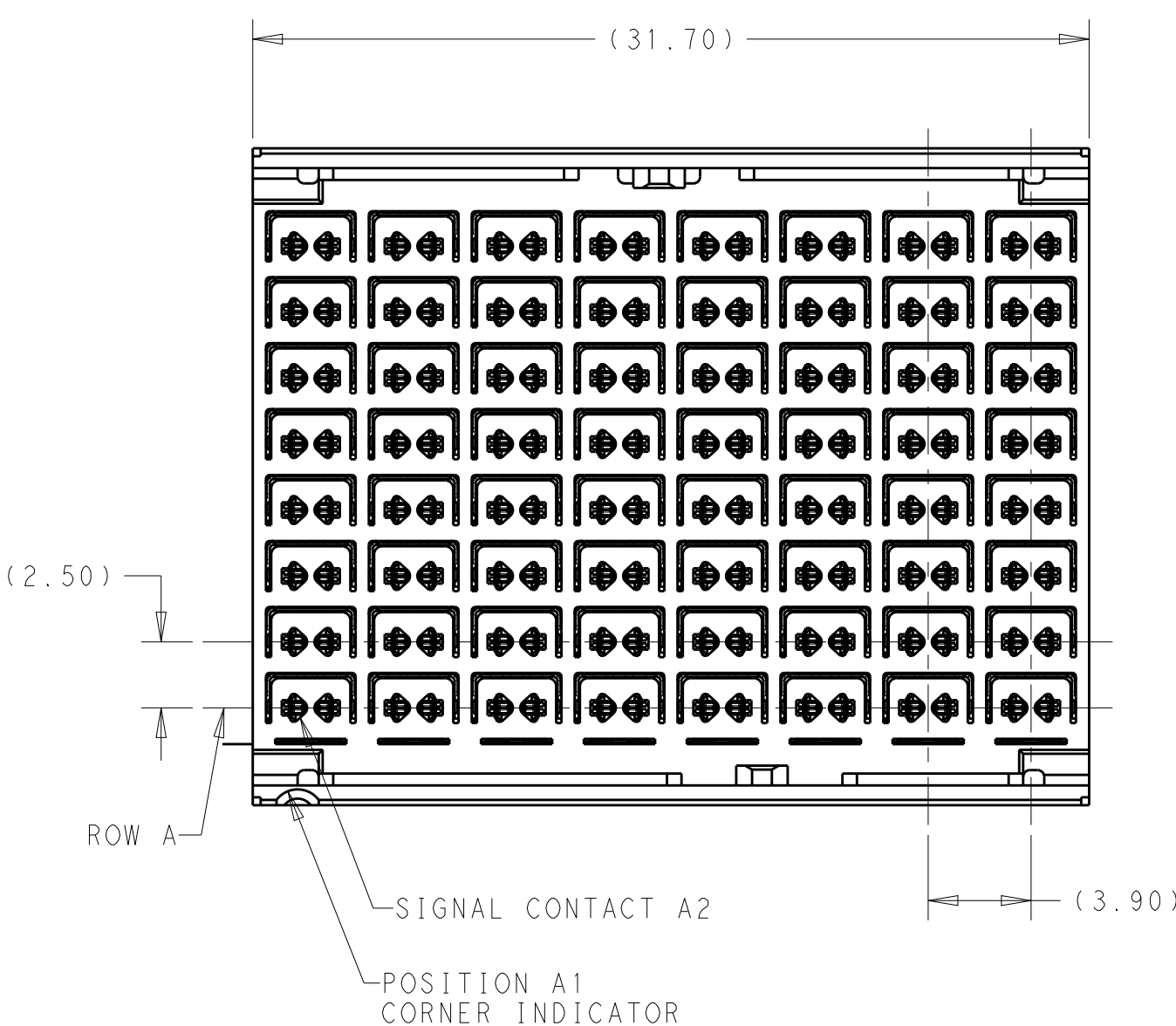
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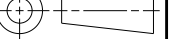


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- 1 MATERIAL:
HOUSING: THERMOPLASTIC, UL 94V-0, BLACK.
CONTACTS AND SHIELDS: COPPER ALLOY
- 2 FINISH:
- CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-32021 BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III, APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE).
- COMPLIANT PIN AREA: 0.5µm MIN MATTE TIN.
- 3 SIGNAL, GROUND, AND SI VIA PLATED THRU HOLE REQUIREMENTS:
FINISHED HOLE = $\varnothing 0.37 \pm 0.05$
HOLE SIZE PRIOR TO PLATING = $\varnothing 0.450 \pm 0.025$
COPPER THICKNESS = 0.025 MIN
IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 4 PTH DIMENSIONS APPLY TO THE TOP 1.00mm OF THE PCB THICKNESS FROM THE CONNECTOR MOUNTING SIDE.
- 5 CONNECTOR MARKED WITH PART NUMBER, DATE CODE, AND "85 OHM" IN APPROXIMATE AREA SHOWN.
- 6 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7 APPLIES TO FINISHED HOLE DIAMETER.
8. CONTACT PRODUCT ENGINEERING FOR LAYOUTS WHEN STACKING CONNECTORS.

2187614-1

PART
NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MCMASTER CHK N. EVANS APVD S. FLICKINGER		11SEP2014 11SEP2014 11SEP2014		 TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-32021		NAME HEADER ASSEMBLY, 8 PAIR, 8 COL, OPEN ENDED, BACKPLANE, 85 OHM, PAIR-IN-ROW, STRADA WHISPER			
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		APPLICATION SPEC 114-32029					
MATERIAL 		FINISH 		WEIGHT -		SIZE A2	CAGE CODE -	DRAWING NO C=2187614	RESTRICTED TO -
CUSTOMER DRAWING						SCALE 4:1	SHEET 1 OF 2	REV B	

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION2014

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

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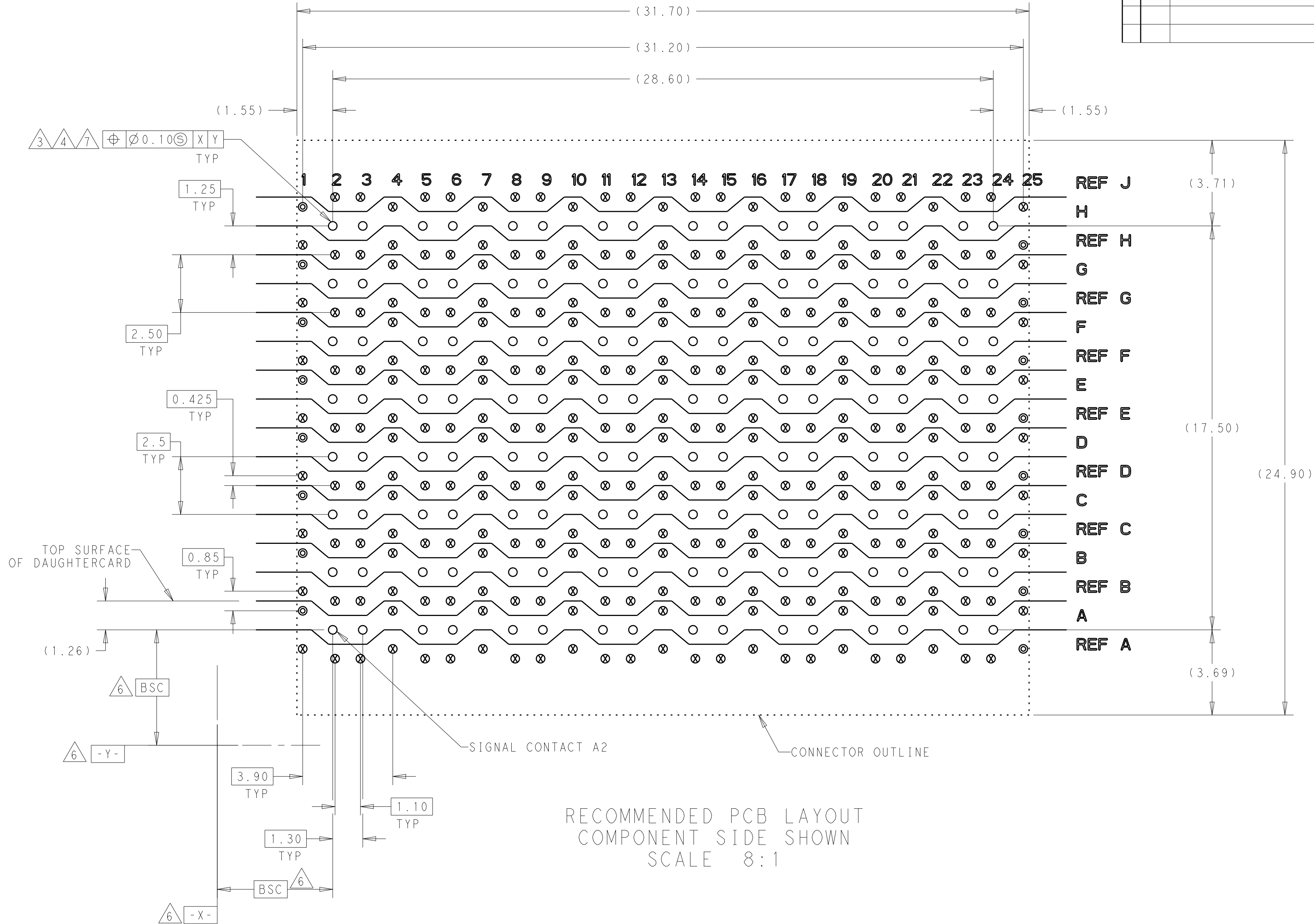
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A



RECOMMENDED PCB LAYOUT
COMPONENT SIDE SHOWN
SCALE 8:1

- = SIGNAL
- ⊗ = GROUND
- ⊙ = SIGNAL INTEGRITY VIA TO GROUND

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MCMASTER 11SEP2014	TE Connectivity		
DIMENSIONS: mm		CHK N. EVANS 11SEP2014			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. FLICKINGER 11SEP2014	NAME HEADER ASSEMBLY, 8 PAIR, 8 COL, OPEN ENDED, BACKPLANE, 85 OHM, PAIR-IN-ROW, STRADA WHISPER		
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC 108-32021 APPLICATION SPEC 114-32029 WEIGHT -	SIZE A2	CAGE CODE -	DRAWING NO C-2187614
MATERIAL 1		CUSTOMER DRAWING		RESTRICTED TO -	
		SCALE 4:1	SHEET 2	OF 2	REV B