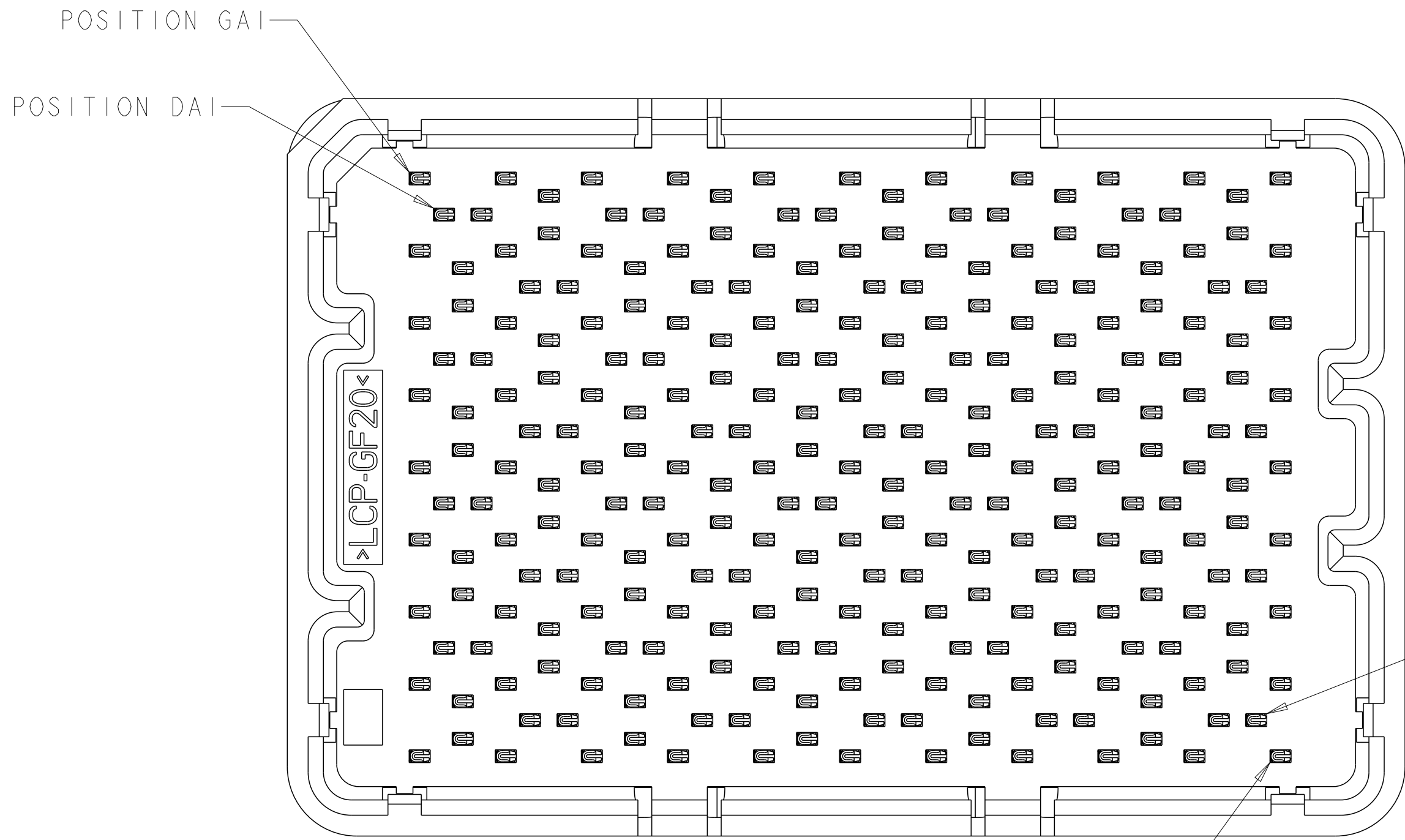




POSITION GJII

UPPER HOUSING

SPACER

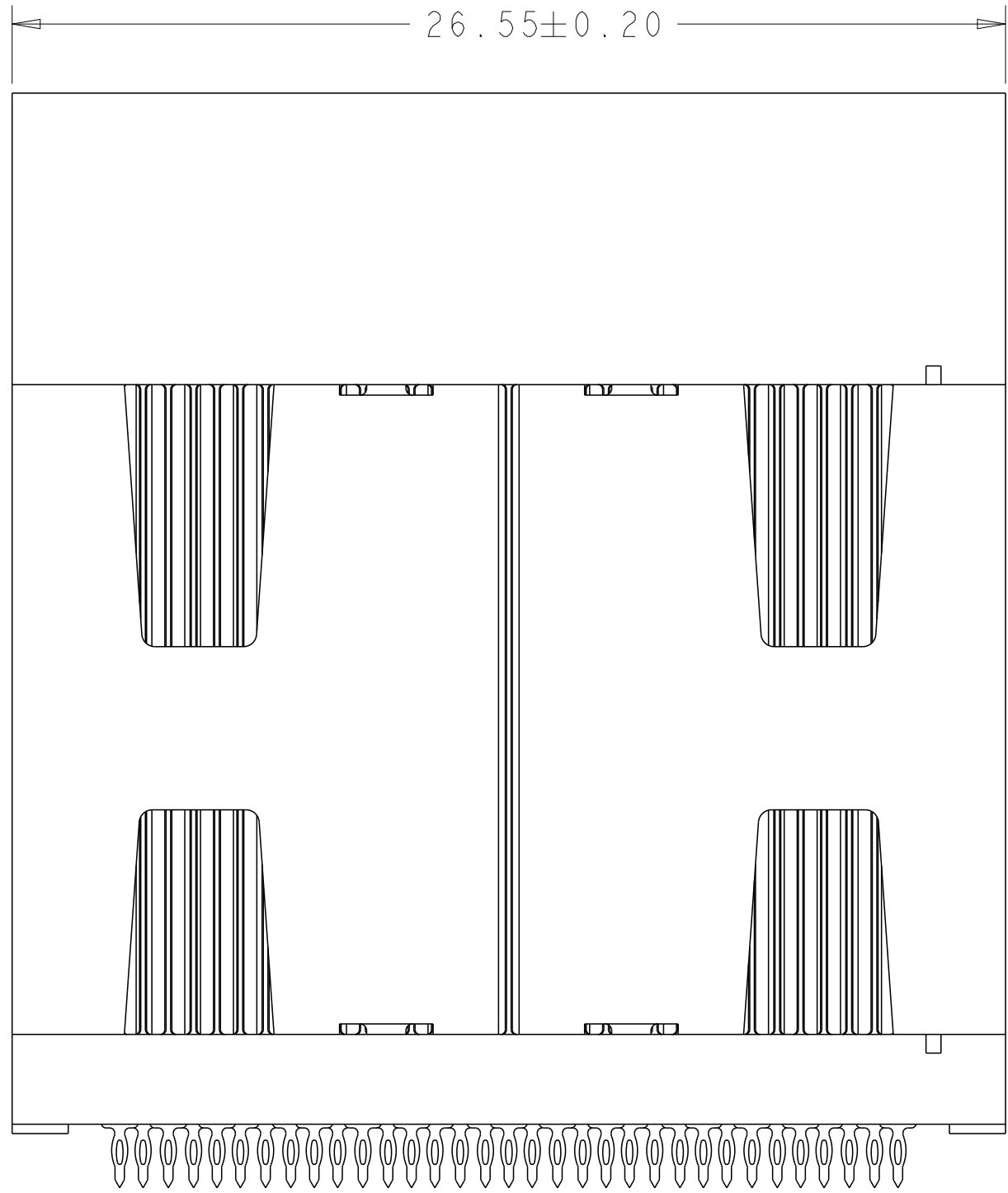
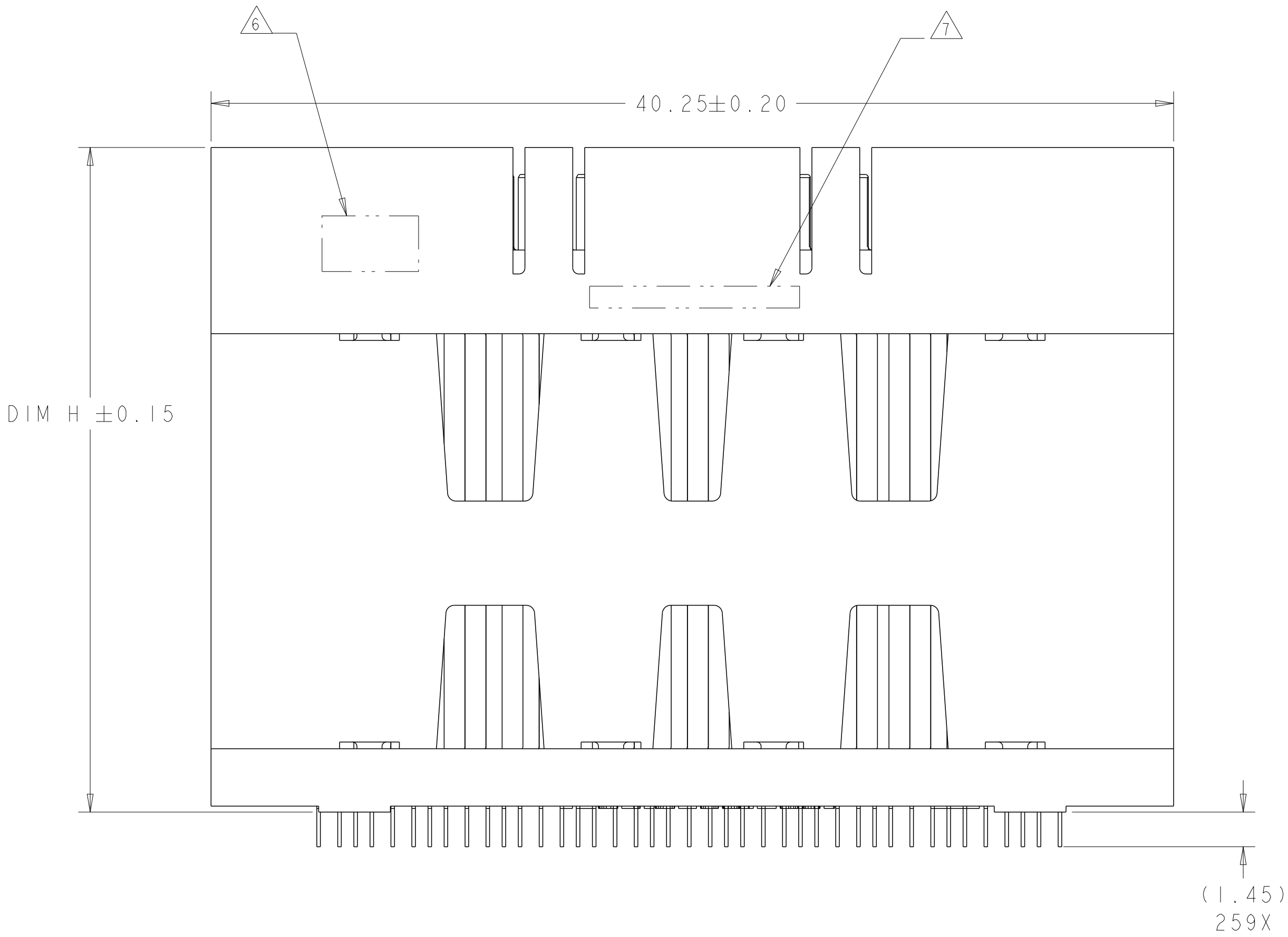
BASE HOUSING

POSITION DH20

HOUSING

ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR 14mm THRU 42mm
28mm SHOWN
SCALE 2:1

ISOMETRIC VIEW
TYPICAL CONFIGURATION FOR 8mm THRU 13mm
8mm SHOWN
SCALE 2:1



- 1

MATERIAL:
BASE HOUSING, UPPER HOUSING, ORGANIZER,
AND SPACER: THERMOPLASTIC, FLAMMABILITY
RATING UL94-V0
CONTACT: COPPER ALLOY
- 2

CONTACT PLATING: 0.076µm MIN GOLD OVER 0.69µm
MIN PALLADIUM NICKEL, OVER 2.54-5.08µm NICKEL
ON MATING AREA. 0.50-2.54µm 93/7 TIN-LEAD,
OVER 1.27-5.08µm NICKEL ON TAIL AREA.
PORE BLOCKER APPLIED TO MATING AREA.
- 3

CONTACT PLATING: 0.076µm MIN GOLD OVER 0.69µm
MIN PALLADIUM NICKEL, OVER 2.54-5.08µm NICKEL
ON MATING AREA. 0.50-2.54µm MATTE TIN,
OVER 1.27-5.08µm NICKEL ON TAIL AREA.
PORE BLOCKER APPLIED TO MATING AREA.
- 4

ROWS GA THRU GJ (SHOWN DARKENED) ARE TYPICALLY
USED AS GROUNDS.
- 5

SPECIFIED POSITIONAL TOLERANCE DEFINES HOLE TO
HOLE LOCATION WITHIN HOLE PATTERN. POSITIONAL
TOLERANCE OF HOLE PATTERN TO FIDUCIAL MARKS
OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER.
- 6

AREA RESERVED FOR TE CONNECTIVITY LOGO.
- 7

AREA RESERVED FOR PART NUMBER (X-XXXXXX-X)
AND DATE CODE (YYWW).
- 8

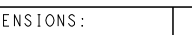
USE CENTERLINES INDICATED ON PCB HOLE PATTERN
TO ESTABLISH ALIGNMENT BETWEEN HEADER AND
RECEPTACLE BOARDS.
- 9

PLATED THROUGH HOLE REQUIREMENTS:
HOLE SIZE PRIOR TO PLATING = $\varnothing 0.420 \pm 0.013$
COPPER PLATING THICKNESS = 0.038 ± 0.013
CALCULATED FINISHED HOLE SIZE = $\varnothing 0.344 \pm 0.039$
THESE DIMENSIONS APPLY TO THE TOP 1.25mm OF
THE PCB THICKNESS FROM THE CONNECTOR MOUNTING
SIDE.
- 10

CONTACT SALES FOR AVAILABILITY OF THIS STACK
HEIGHT.

SIZE 2 HOUSING *
80 DIFFERENTIAL PAIRS
259 TOTAL SIGNAL CONTACTS

* SIZE 1 AND SIZE 3 ARE ALSO AVAILABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. RINGLER 29AUG2008		 TE Connectivity	
		CHK D. TROUT 29AUG2008			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±" 1 PLC ±" 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±" ANGLES ±"		PRODUCT SPEC	
				108-2375	
				APPLICATION SPEC	
				114-13249	
MATERIAL - 		FINISH -		SIZE CAGE CODE DRAWING NO A100779C=2057360	
				RESTRICTED TO -	
		Customer Drawing		SCALE 6:1 SHEET 1 OF 4 REV A	

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

		41.8	42mm	MATTE Sn	9-2057360-2
		40.8	41mm	MATTE Sn	9-2057360-1
	YES	39.8	40mm	MATTE Sn	9-2057360-0
		38.8	39mm	MATTE Sn	8-2057360-9
		37.8	38mm	MATTE Sn	8-2057360-8
		36.8	37mm	MATTE Sn	8-2057360-7
		35.8	36mm	MATTE Sn	8-2057360-6
		34.8	35mm	MATTE Sn	8-2057360-5
		33.8	34mm	MATTE Sn	8-2057360-4
		32.8	33mm	MATTE Sn	8-2057360-3
		31.8	32mm	MATTE Sn	8-2057360-2
		30.8	31mm	MATTE Sn	8-2057360-1
		29.8	30mm	MATTE Sn	8-2057360-0
		28.8	29mm	MATTE Sn	7-2057360-9
	YES	27.8	28mm	MATTE Sn	7-2057360-8
		26.8	27mm	MATTE Sn	7-2057360-7
		25.8	26mm	MATTE Sn	7-2057360-6
		24.8	25mm	MATTE Sn	7-2057360-5
		23.8	24mm	MATTE Sn	7-2057360-4
	YES	22.8	23mm	MATTE Sn	7-2057360-3
		21.8	22mm	MATTE Sn	7-2057360-2
		20.8	21mm	MATTE Sn	7-2057360-1
		19.8	20mm	MATTE Sn	7-2057360-0
		18.8	19mm	MATTE Sn	6-2057360-9
		17.8	18mm	MATTE Sn	6-2057360-8
		16.8	17mm	MATTE Sn	6-2057360-7
		15.8	16mm	MATTE Sn	6-2057360-6
		14.8	15mm	MATTE Sn	6-2057360-5
		13.8	14mm	MATTE Sn	6-2057360-4
		12.8	13mm	MATTE Sn	6-2057360-3
		11.8	12mm	MATTE Sn	6-2057360-2
		10.8	11mm	MATTE Sn	6-2057360-1
		9.8	10mm	MATTE Sn	6-2057360-0
	YES	8.8	9mm	MATTE Sn	5-2057360-9
		7.8	8mm	MATTE Sn	5-2057360-8
FINISH	TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

		41.8	42mm	Sn/Pb	4-2057360-2
		40.8	41mm	Sn/Pb	4-2057360-1
	YES	39.8	40mm	Sn/Pb	4-2057360-0
		38.8	39mm	Sn/Pb	3-2057360-9
		37.8	38mm	Sn/Pb	3-2057360-8
		36.8	37mm	Sn/Pb	3-2057360-7
		35.8	36mm	Sn/Pb	3-2057360-6
		34.8	35mm	Sn/Pb	3-2057360-5
		33.8	34mm	Sn/Pb	3-2057360-4
		32.8	33mm	Sn/Pb	3-2057360-3
		31.8	32mm	Sn/Pb	3-2057360-2
		30.8	31mm	Sn/Pb	3-2057360-1
		29.8	30mm	Sn/Pb	3-2057360-0
		28.8	29mm	Sn/Pb	2-2057360-9
	YES	27.8	28mm	Sn/Pb	2-2057360-8
		26.8	27mm	Sn/Pb	2-2057360-7
		25.8	26mm	Sn/Pb	2-2057360-6
		24.8	25mm	Sn/Pb	2-2057360-5
		23.8	24mm	Sn/Pb	2-2057360-4
	YES	22.8	23mm	Sn/Pb	2-2057360-3
		21.8	22mm	Sn/Pb	2-2057360-2
		20.8	21mm	Sn/Pb	2-2057360-1
		19.8	20mm	Sn/Pb	2-2057360-0
		18.8	19mm	Sn/Pb	1-2057360-9
		17.8	18mm	Sn/Pb	1-2057360-8
		16.8	17mm	Sn/Pb	1-2057360-7
		15.8	16mm	Sn/Pb	1-2057360-6
		14.8	15mm	Sn/Pb	1-2057360-5
		13.8	14mm	Sn/Pb	1-2057360-4
		12.8	13mm	Sn/Pb	1-2057360-3
		11.8	12mm	Sn/Pb	1-2057360-2
		10.8	11mm	Sn/Pb	1-2057360-1
		9.8	10mm	Sn/Pb	1-2057360-0
	YES	8.8	9mm	Sn/Pb	2057360-9
		7.8	8mm	Sn/Pb	2057360-8
FINISH	TOOLED	DIM H	STACK HEIGHT	CONTACT TAIL PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

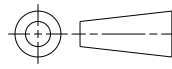
CHKD. RINGLER 29AUG2008

CHKD. TROUT 29AUG2008

APVD. FEDDER 29AUG2008

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.010
1 PLC ±.013
2 PLC ±.013
3 PLC ±.013
4 PLC ±.013
ANGLES ±.1

MATERIAL

-

PRODUCT SPEC

108-2375

APPLICATION SPEC

114-13249

WEIGHT

-

Customer Drawing

SCALE 6:1

SHEET 2 OF 4

REV A

DWN D. RINGLER 29AUG2008

CHKD. RINGLER 29AUG2008

APVD. FEDDER 29AUG2008

NAME

TE Connectivity

HEADER ASSEMBLY 80/259 SIGNAL STRADA MESA MEZZANINE CONNECTOR

SIZE CAGE CODE DRAWING NO

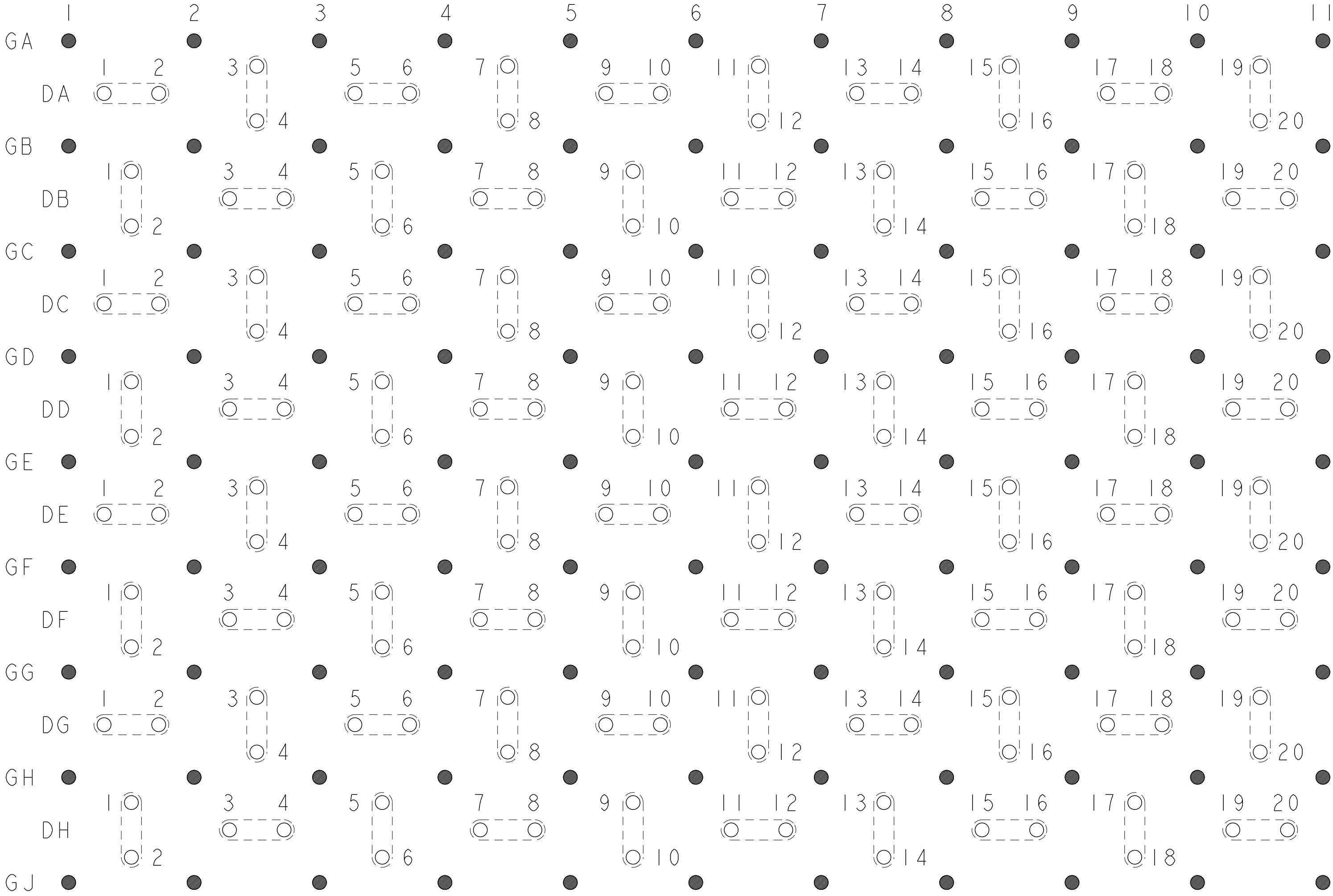
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RESTRICTED TO

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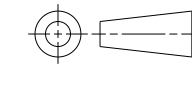
LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION		DATE	DWN	APVD	
		-	-	SEE SHEET 1		-	-	-	

A1 CORNER INDICATORS.

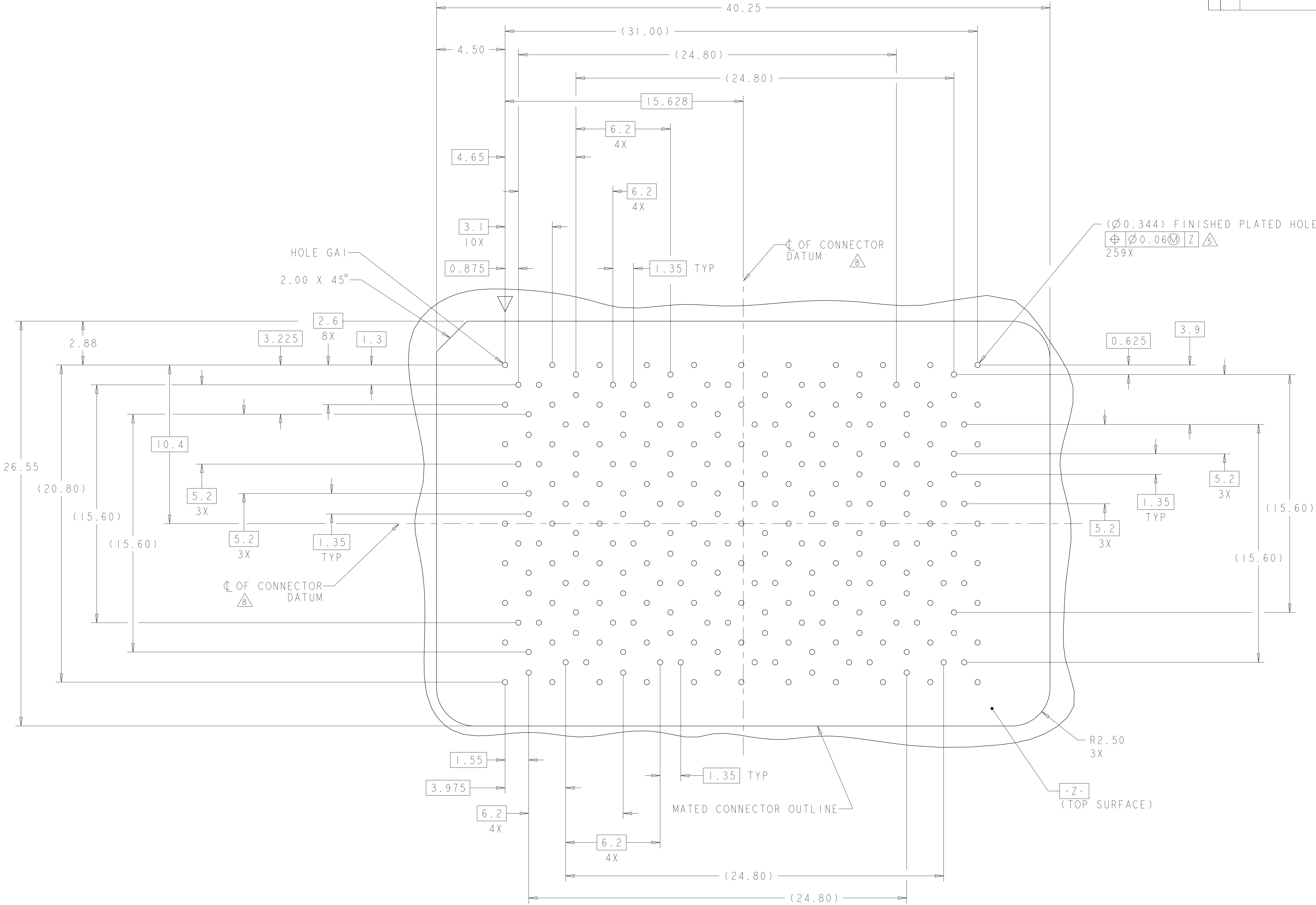


MATED CONNECTOR OUTLINE
SEE SHEET 4 FOR LOCATION TO HOLES

PCB LAYOUT AND PIN IDENTIFICATION 
SHOWN FROM CONNECTOR SIDE
SCALE 12:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. RINGLER	29AUG2008	 TE Connectivity	
		CHK D. TROUT	29AUG2008		
DIMENSIONS:		APVD J. FEDDER	29AUG2008	NAME	
mm		PRODUCT SPEC		80/259 SIGNAL	
		APPLICATION SPEC		STRADA MESA MEZZANINE CONNECTOR	
		114-13249		SIZE CAGE CODE DRAWING NO	
		WEIGHT		A100779C=2057360	
		Customer Drawing		RESTRICTED TO	
MATERIAL		SCALE		6:1	
		SHEET		3 of 4	
		REV		A	

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



PCB HOLE PATTERN
SHOWN FROM CONNECTOR SIDE
SCALE 8:1

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		CHK D. TROUT	29AUG2008		
DIMENSIONS:		APVD J. FEDDER	29AUG2008	NAME	
mm		PRODUCT SPEC		HEADER ASSEMBLY	
		108-2375		80/259 SIGNAL	
		APPLICATION SPEC		STRADA MESA MEZZANINE CONNECTOR	
		114-13249		SIZE	
		WEIGHT		CAGE CODE	
MATERIAL		Customer Drawing		DRAWING NO	
				A100779	
				©=2057360	
				RESTRICTED TO	
				SCALE	
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