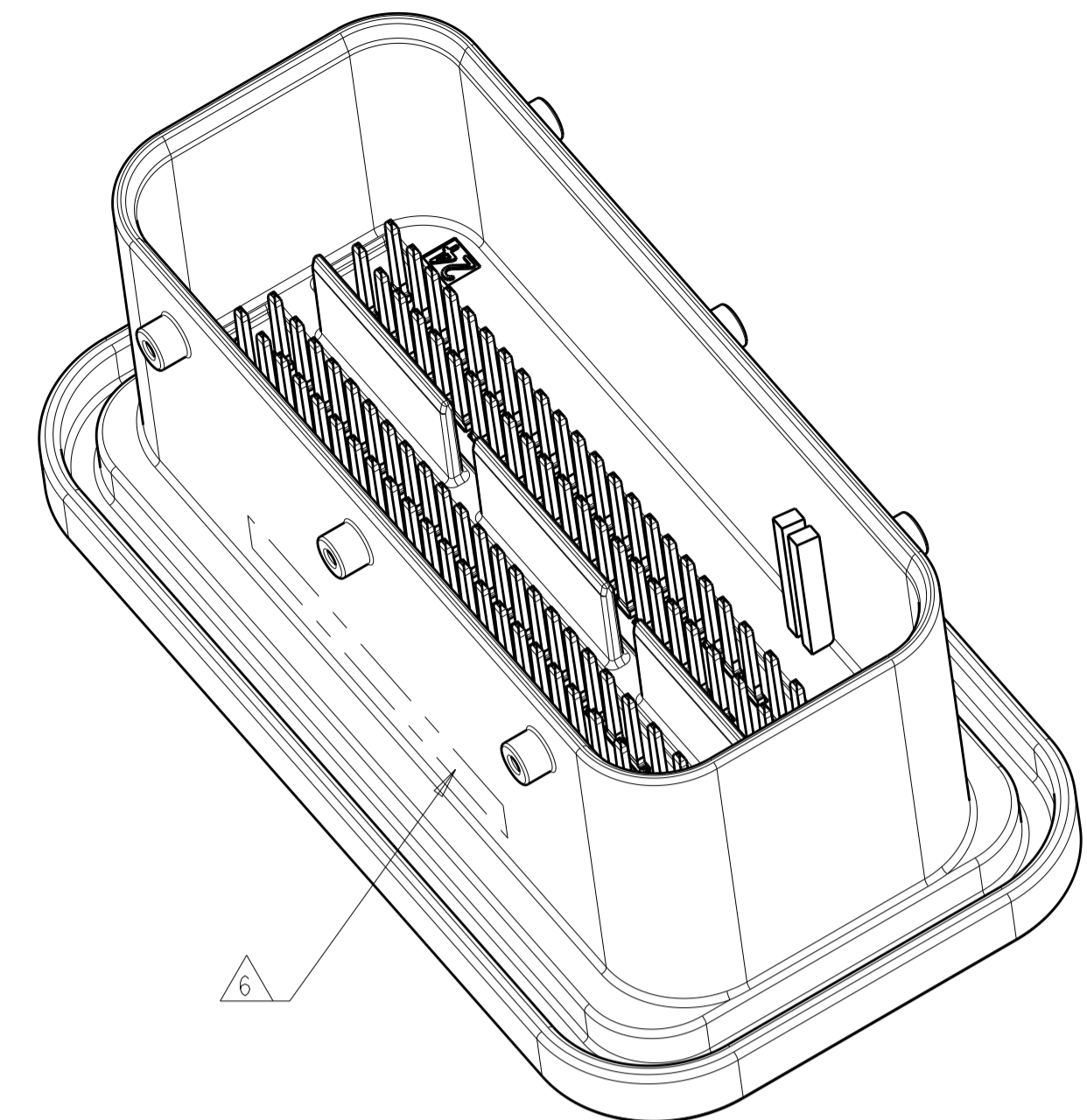
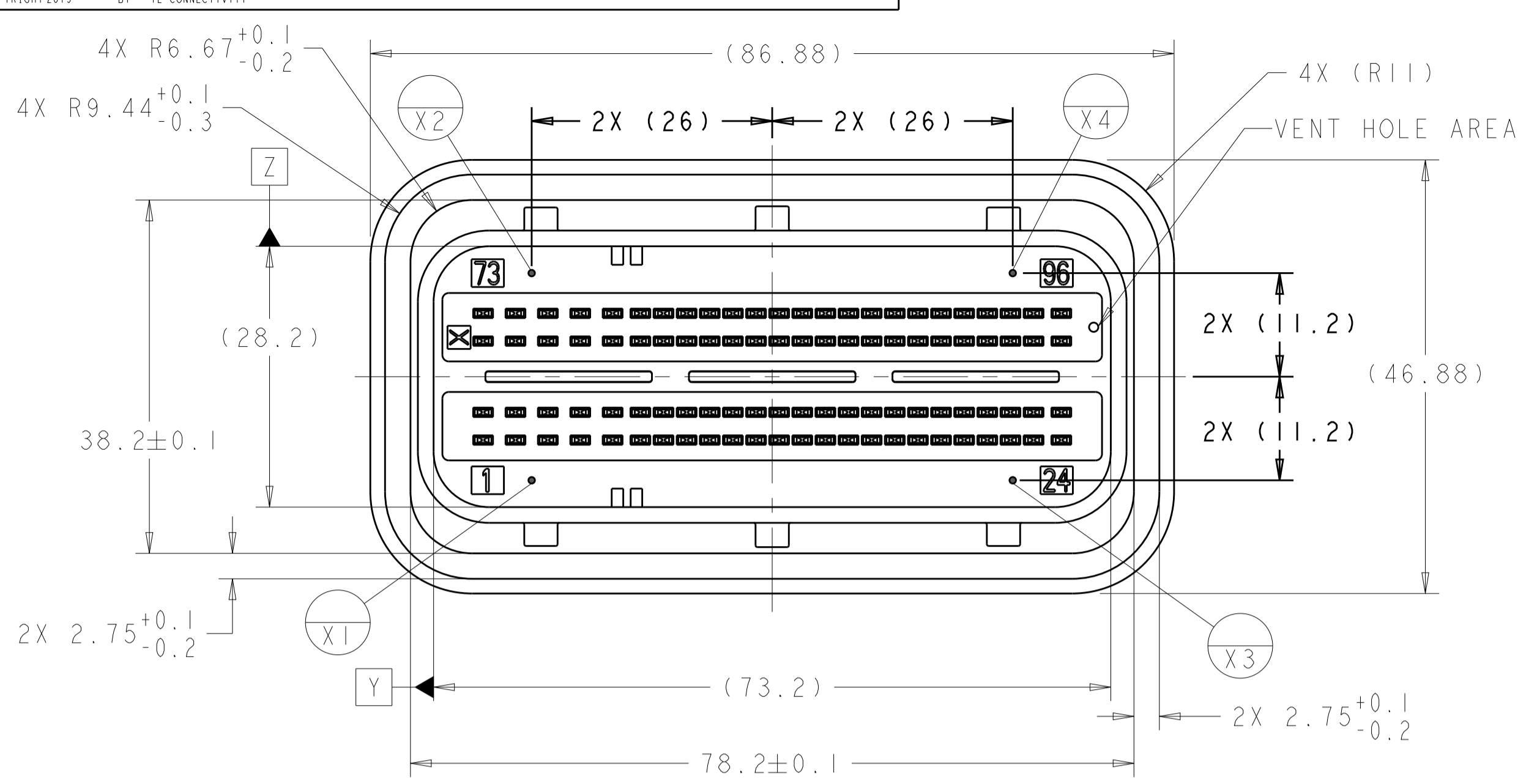
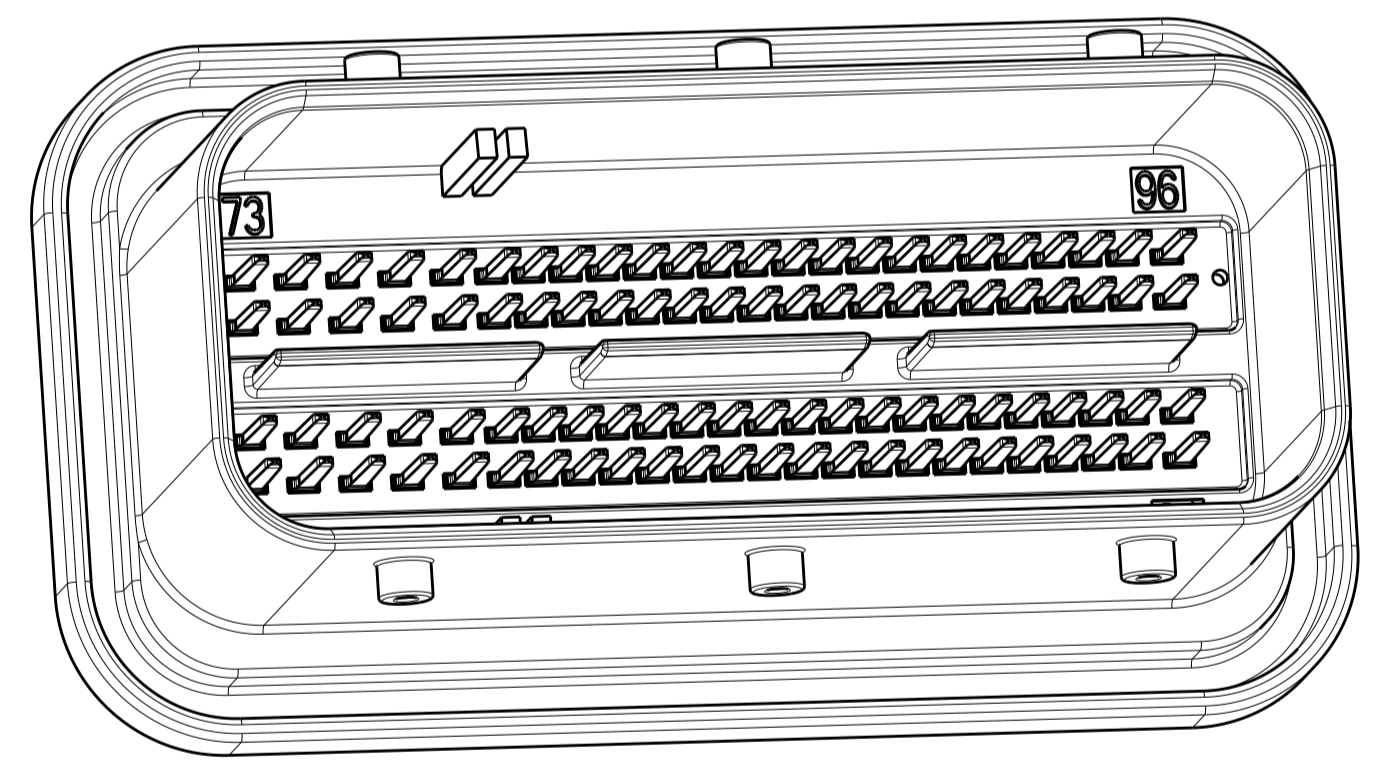
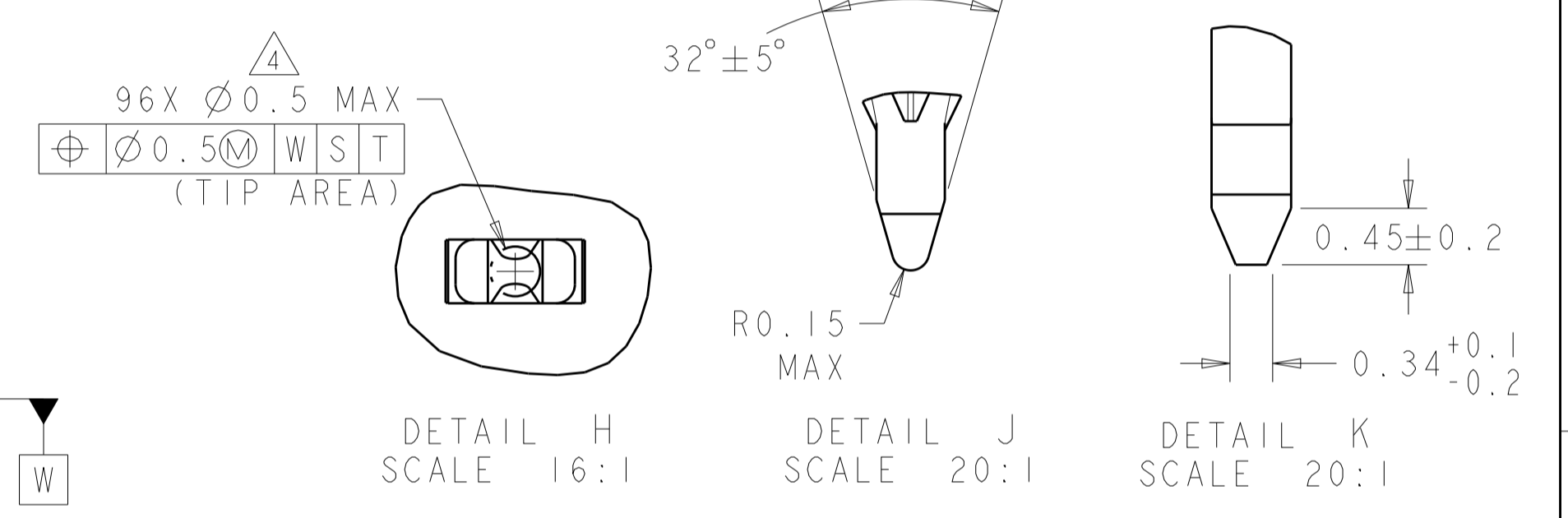
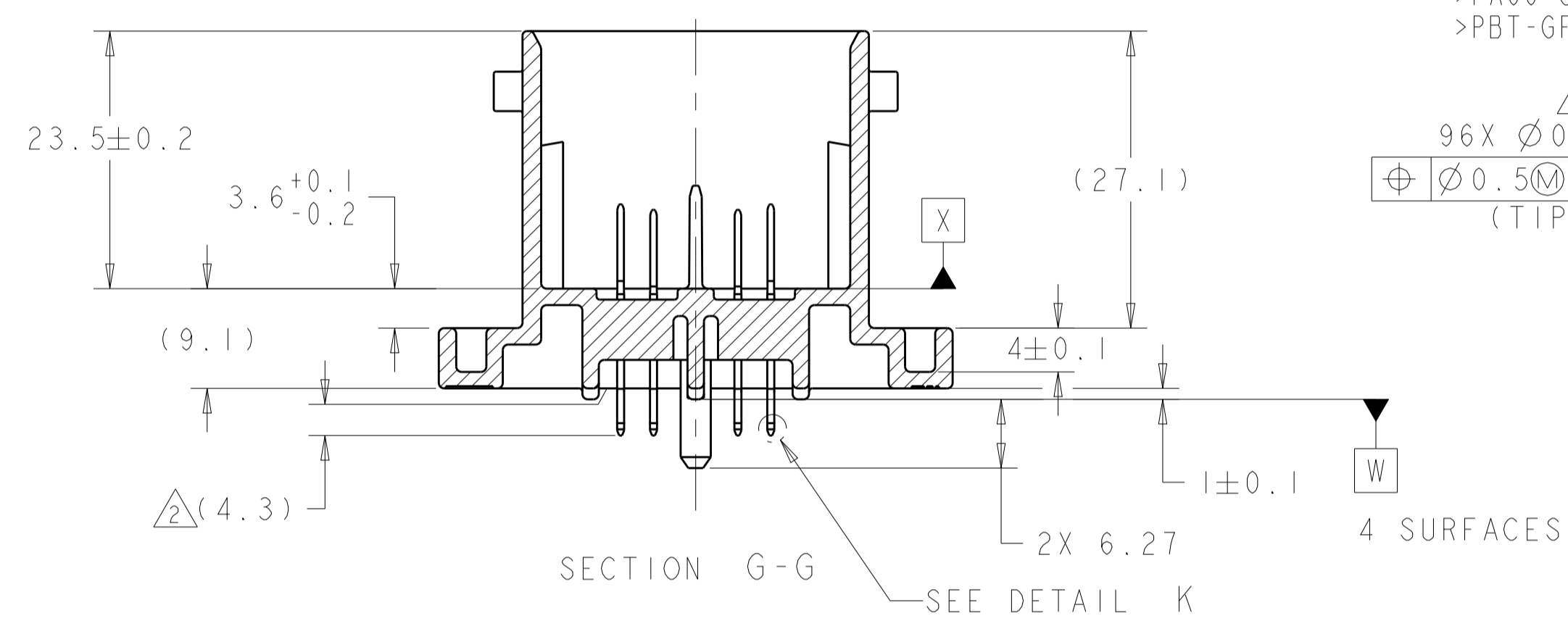
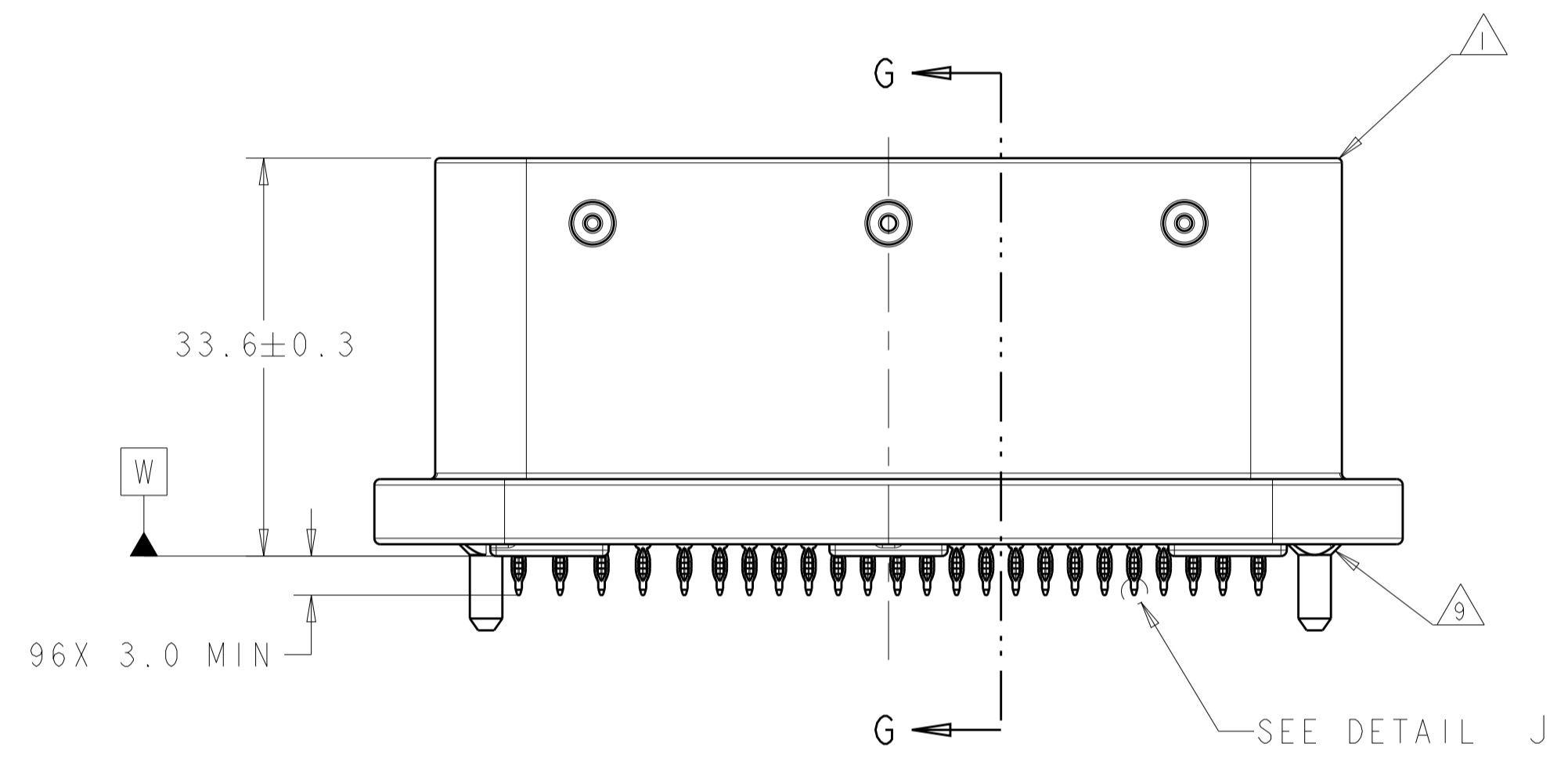


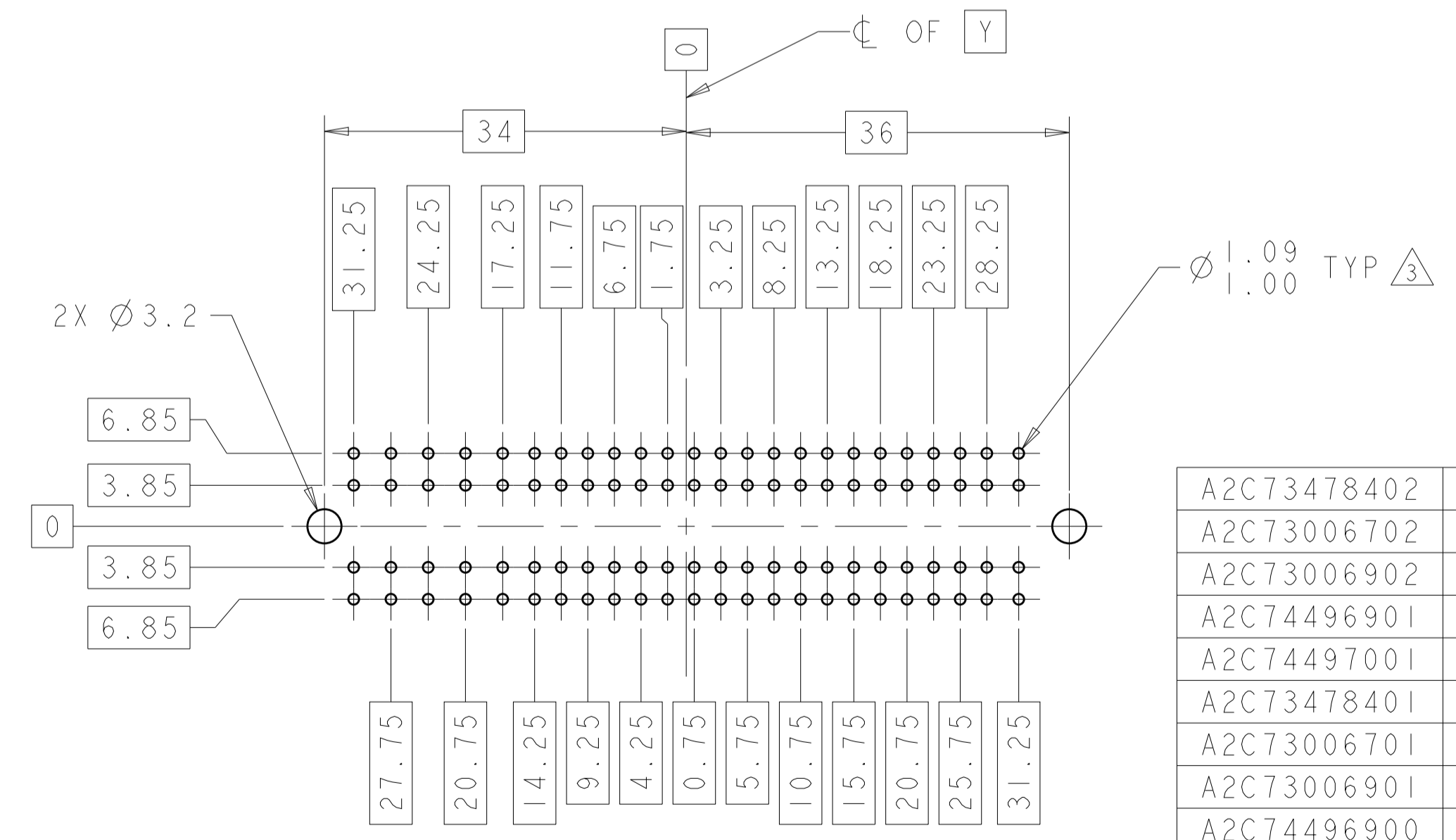
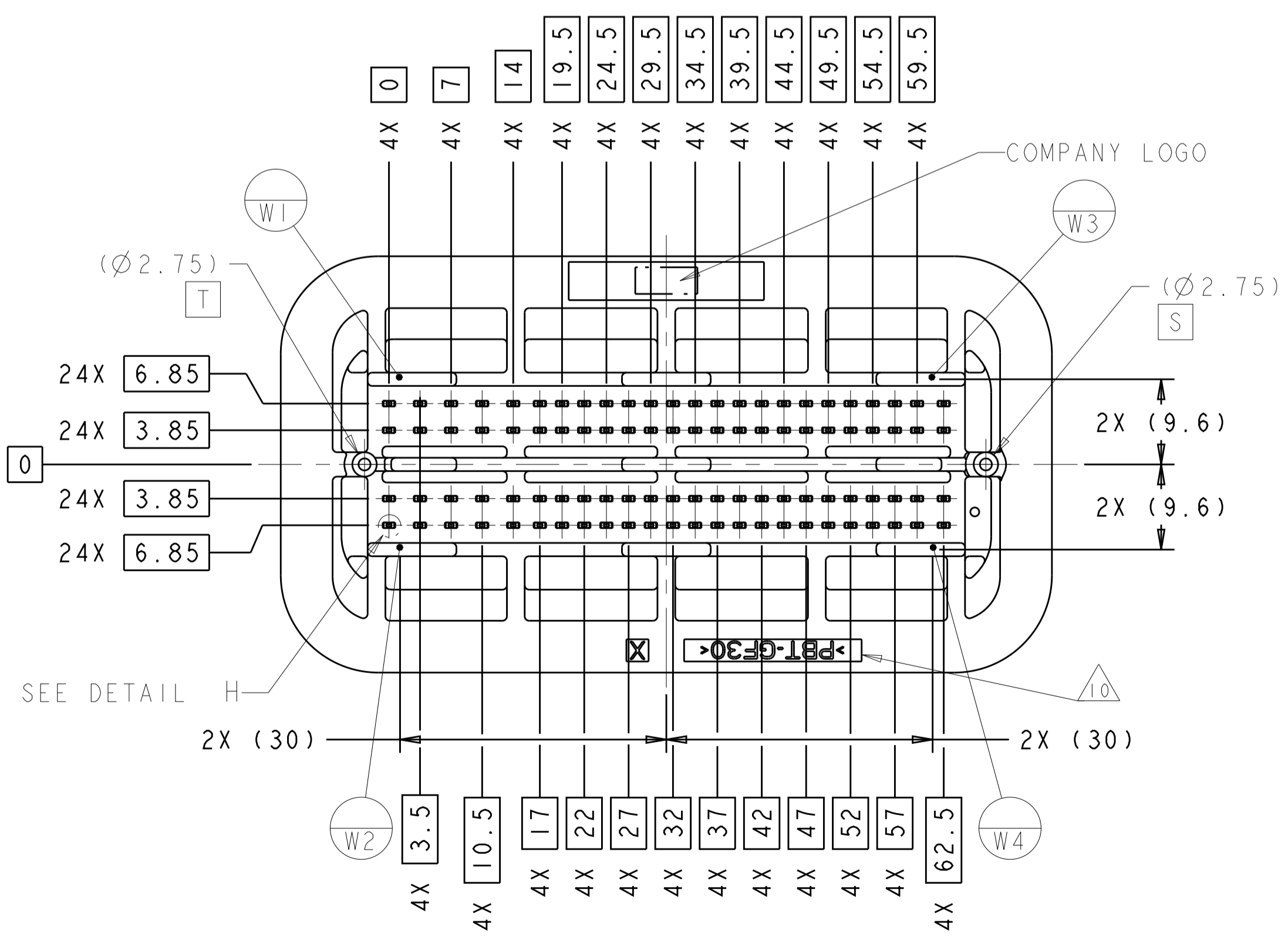
REVISIONS				
P	LTN	DESCRIPTION	DATE	OWN APVD
C		REVISED PER ECO-15-016390	13NOV2015	DD GM
D		REVISED PER ECO-19-006124	17APR2019	JMS GM



- 1 REFERENCE TE CONNECTIVITY (TE) INTERFACE DRAWING (1924771_INT) FOR MISSING DIMENSIONS.
- 2 MULTISPRING PLATING 0.4-1.5µm TIN-LEAD (93/7) OVER 1.27-2.2µm Ni.
- 3 PCB PLATED THROUGH HOLE DIMENSIONS:
HOLE Ø PRIOR TO PLATING 1.15±0.025mm
FINISHED HOLE Ø 1.00 - 1.09
- 4 TP FUNCTIONALLY GAUGED. GAUGING TAKES PRECEDENCE OVER TP DATA.
- 5 1-2272170-1 SHOWN IN GENERAL VIEWS.
- 6 TE PART NUMBER AND DATE CODE MARKING, LOCATED IN APPROXIMATE AREA SHOWN.
- 7 CONTACT PIN PLATING (MATING SIDE) TO BE 2-4µm SILVER OVER 1.27µm MIN NICKEL. **ELECTRICAL PERFORMANCE IS NOT AFFECTED BY GRAY OR BLACK TARNISH ON THE SILVER PLATED SURFACES. ACCEPTABLE SILVER PIN SURFACES CAN INCLUDE GRAY OR BLACK TARNISH.
- 8. HEADER ORIENTATION IN THE PACKAGING TUBES TO BE THE FOLLOWING FOR ALL PART NUMBERS:
PIN LOCATIONS 24 & 96 TO BE INSERTED INTO THE TUBE FIRST, VENT HOLE END OF HEADER WILL THUS EXIT THE TUBE LAST WHEN REMOVED.
- 9 SUPPORT CHAMFER GUSSETS ON ONE OR BOTH SIDES OF EACH POLARIZATION PEG.
- 10 HOUSING MATERIAL DESIGNATIONS:
>PA66-GF35< FOR NYLON PA66
>PBT-GF30< FOR PBT



1-2272170-1



RECOMMENDED PCB LAYOUT FOR 2272170-1 CONNECTOR SIDE SCALE: 2X

A2C73478402	ALL	TAN	PBT GF 30%	C	1-2272170-6
A2C73006702	ALL	BLUE	PBT GF 30%	H	1-2272170-5
A2C73006902	ALL	GREEN	PBT GF 30%	G	1-2272170-4
A2C74496901	ALL	BROWN	PBT GF 30%	E	1-2272170-2
A2C74497001	ALL	GRAY	PBT GF 30%	A	1-2272170-1
A2C73478401	ALL	TAN	NYLON PA66 GF 35%	C	2272170-6
A2C73006701	ALL	BLUE	NYLON PA66 GF 35%	H	2272170-5
A2C73006901	ALL	GREEN	NYLON PA66 GF 35%	G	2272170-4
A2C74496900	ALL	BROWN	NYLON PA66 GF 35%	E	2272170-2
A2C74497000	ALL	GRAY	NYLON PA66 GF 35%	A	2272170-1
CONTINENTAL PN (REF)	STANDARD PLATING	HOUSING COLOR	HOUSING MATERIAL	KEY	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DWG ID: DRUMMOND 31OCT2013
 CHK: G. MILLER 31OCT2013
 APVD: G. MILLER 31OCT2013
 NAME: G. MILLER 31OCT2013

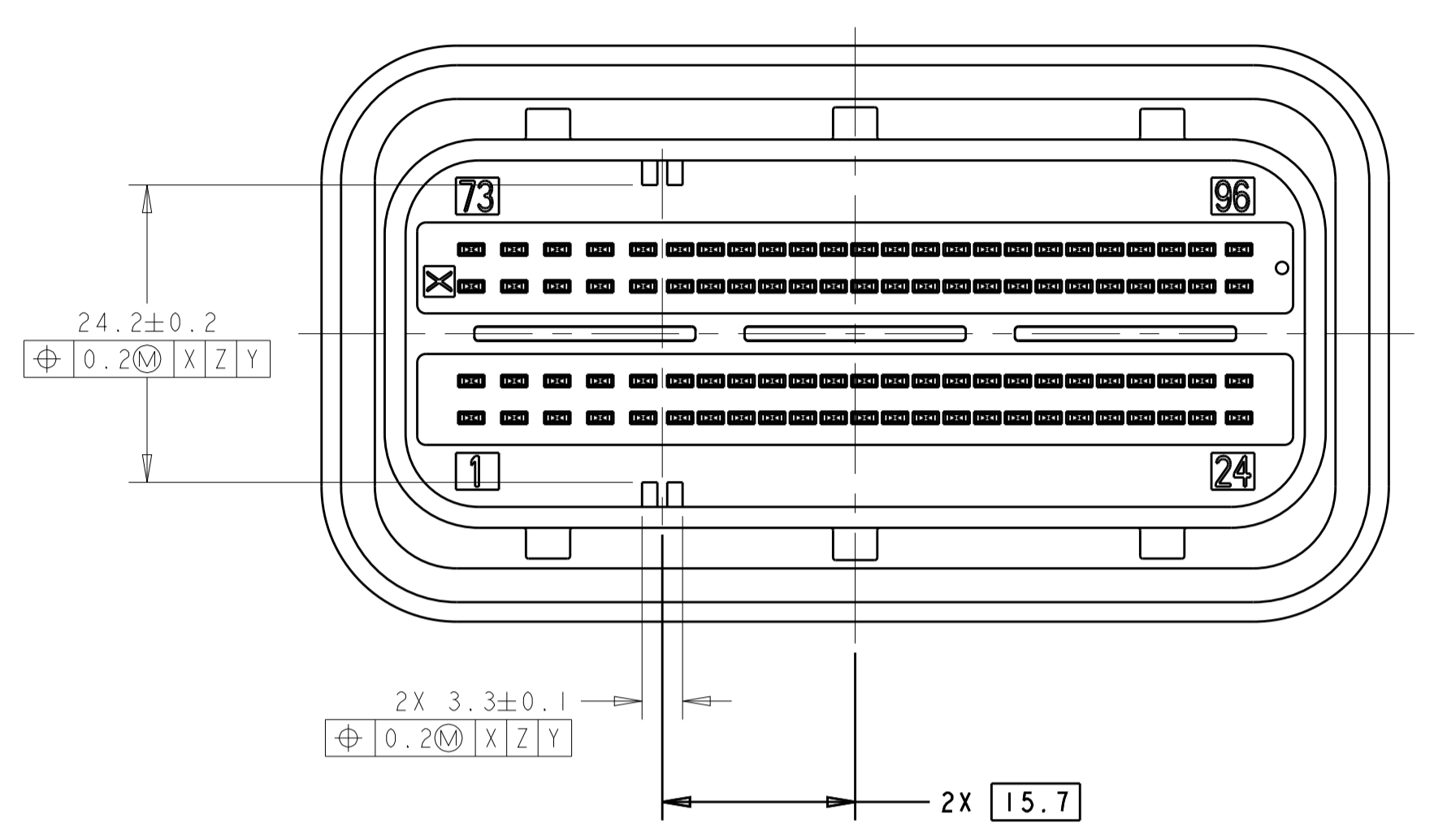
TE Connectivity

HEADER ASSEMBLY, 96 POSITION, SEALED, GPEC III, TIN-LEAD

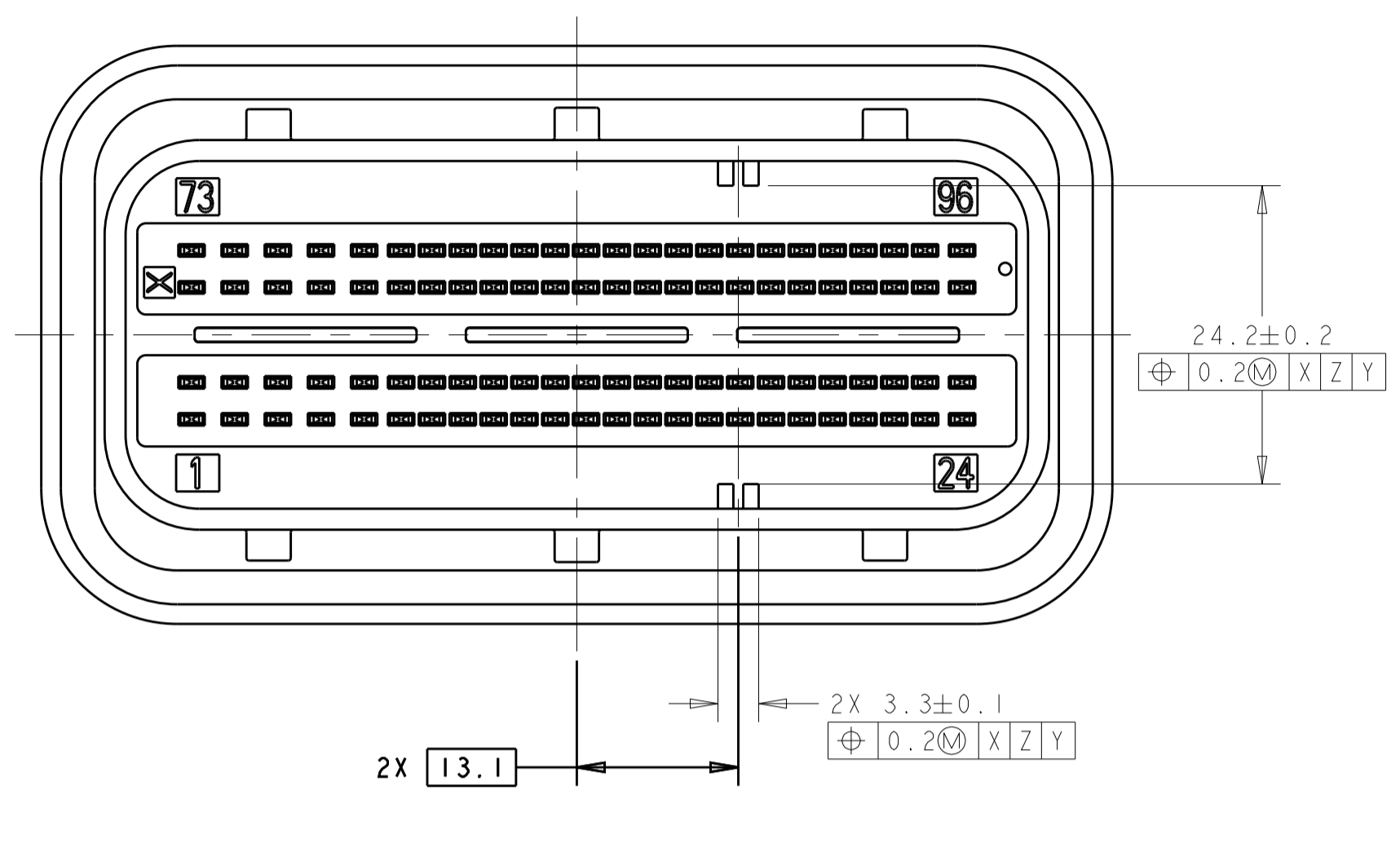
SIZE: A1 00779 C=2272170
 SCALE: 2:1 SHEET 1 OF 4 REV D

REVISIONS				
P.	LTR.	DESCRIPTION	DATE	APP'D.
-	-	SEE SHEET 1	-	-

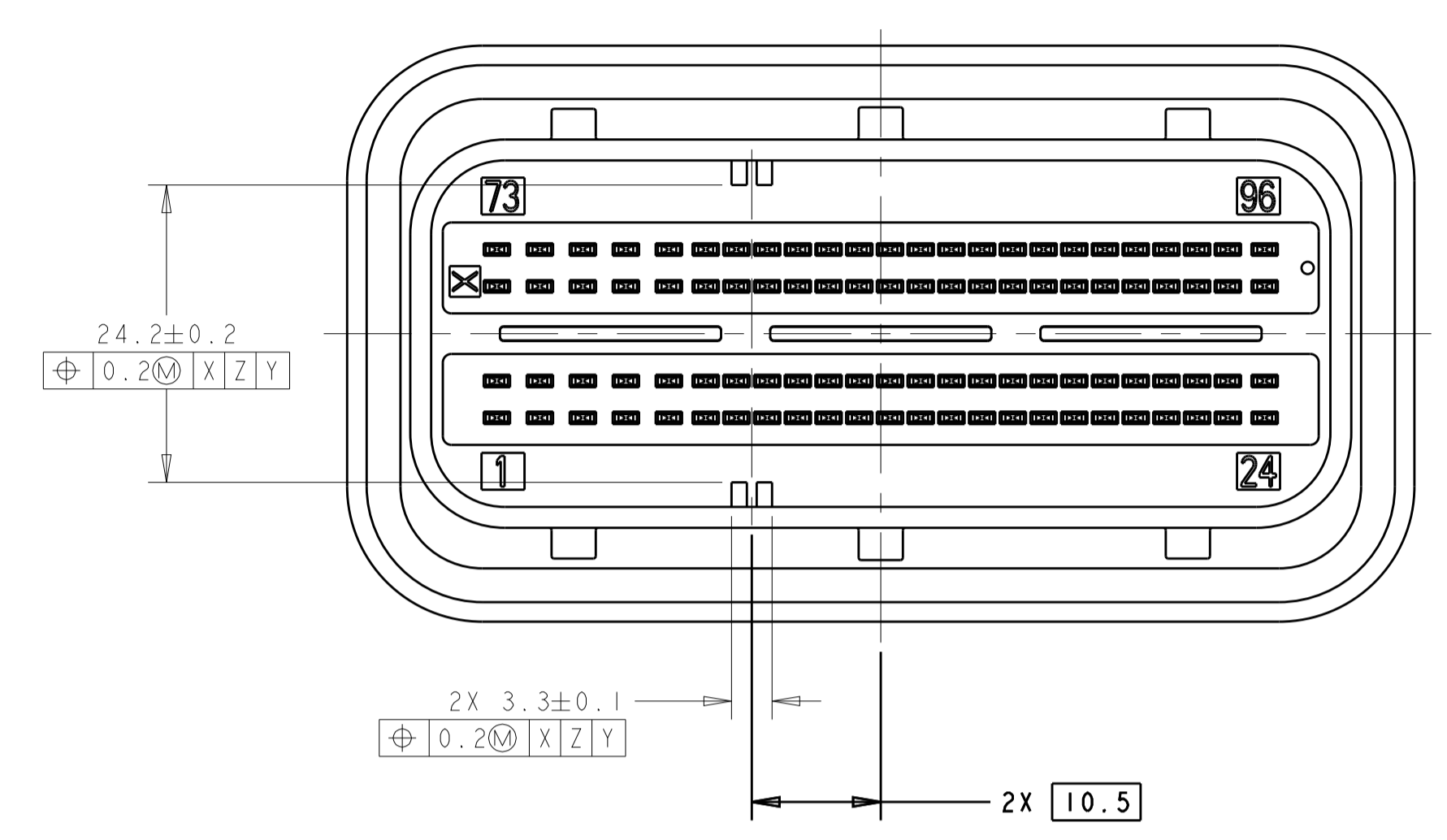
TOP VIEW



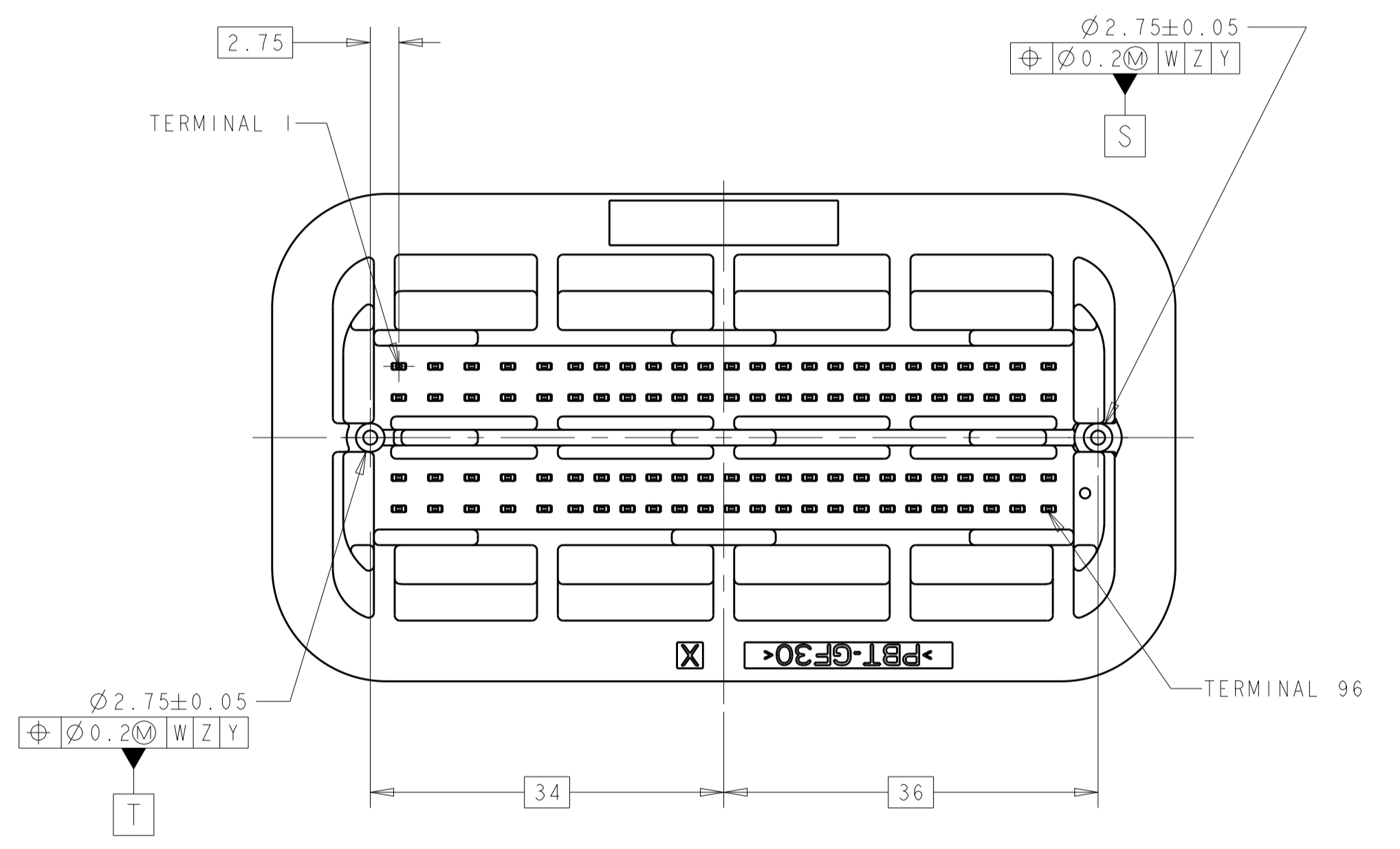
TOP VIEW



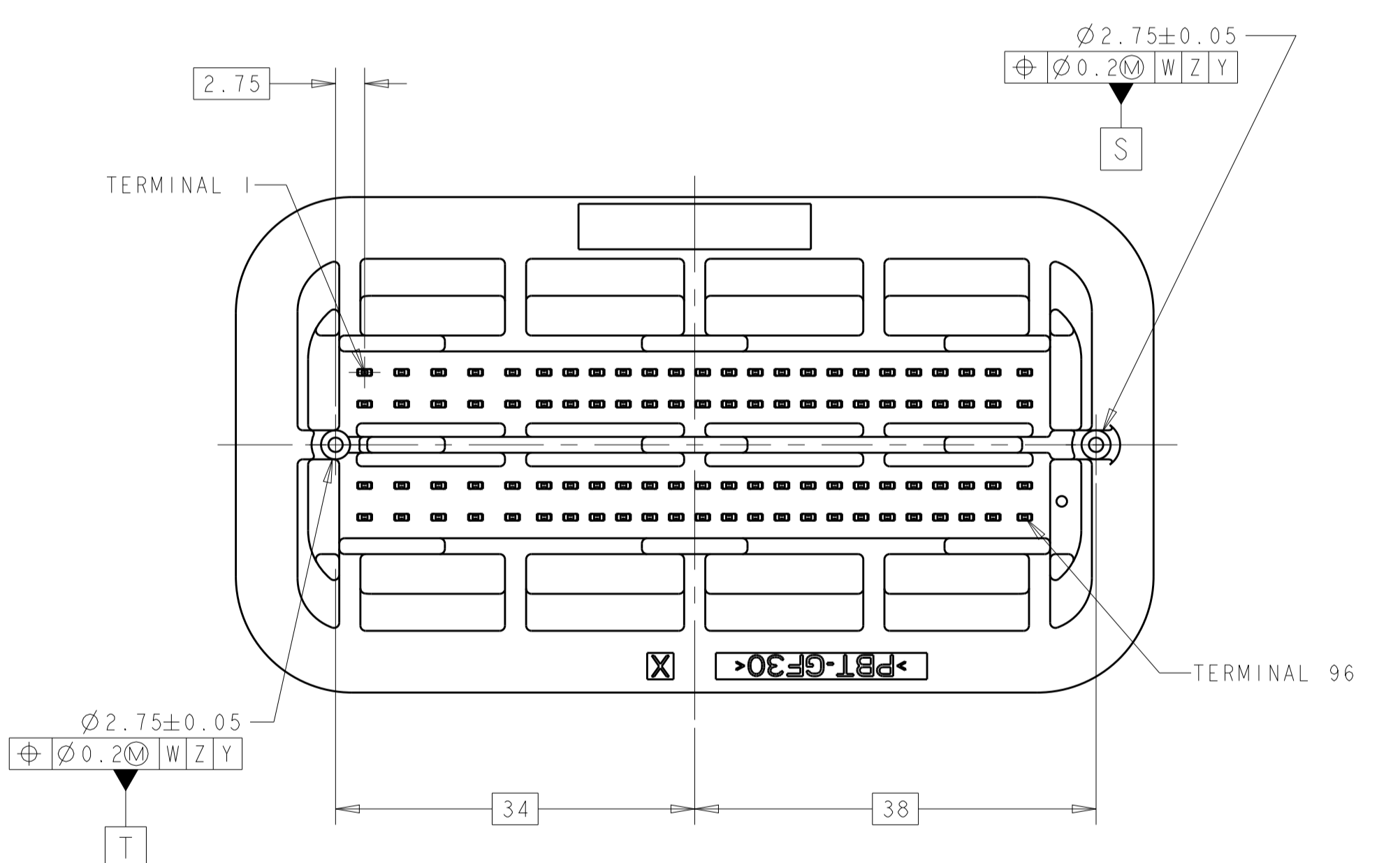
TOP VIEW



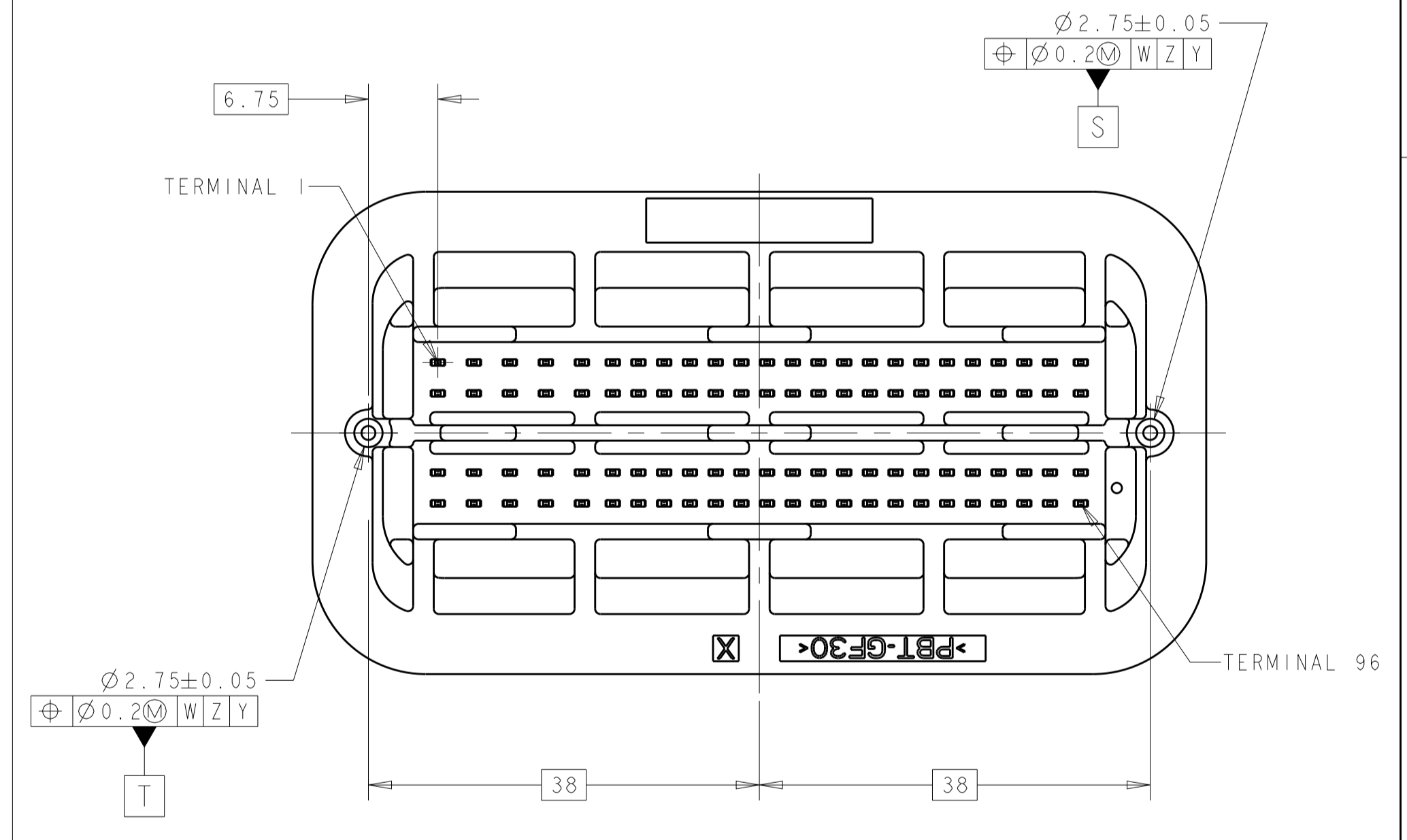
BOTTOM VIEW



BOTTOM VIEW



BOTTOM VIEW



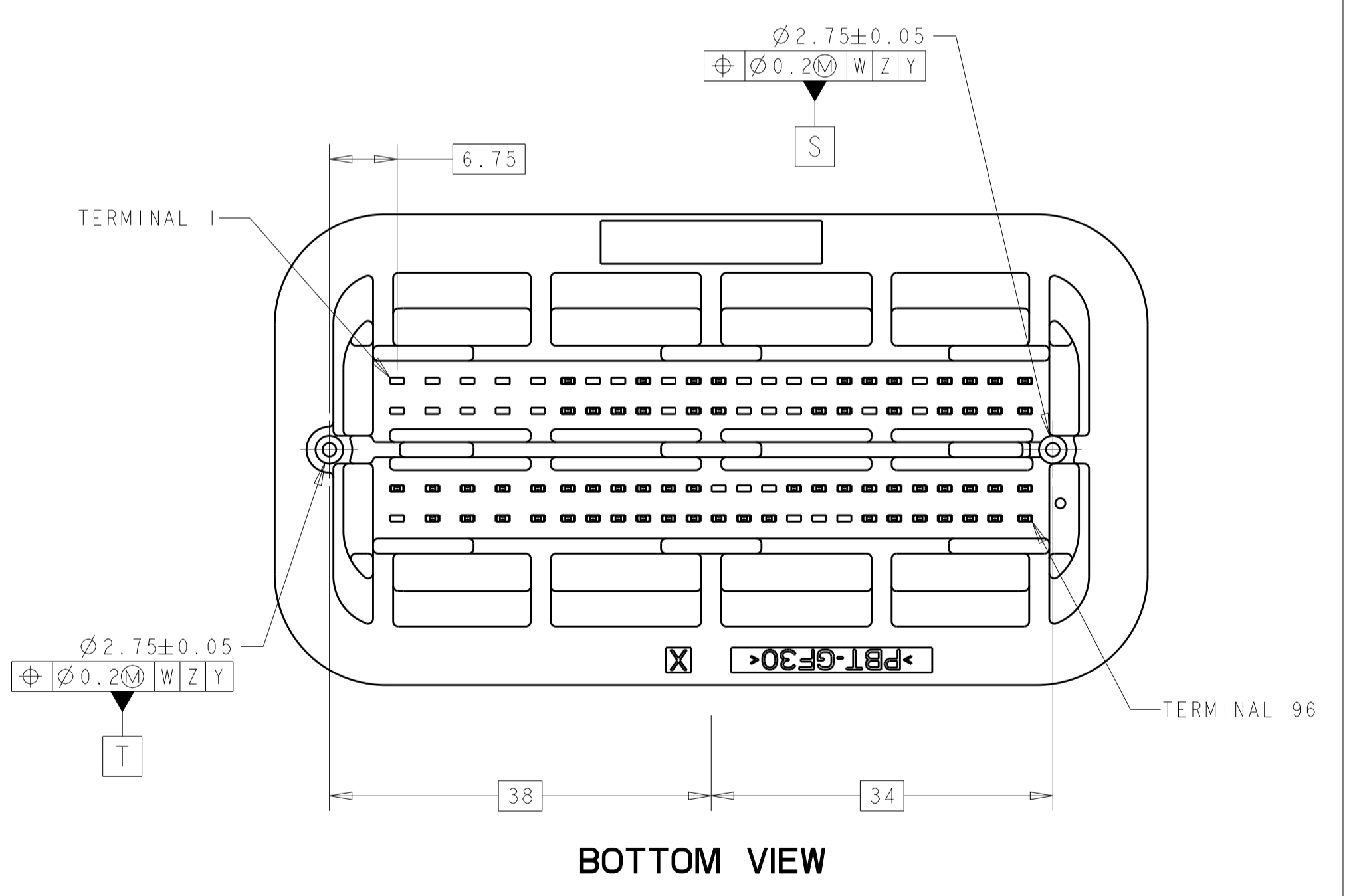
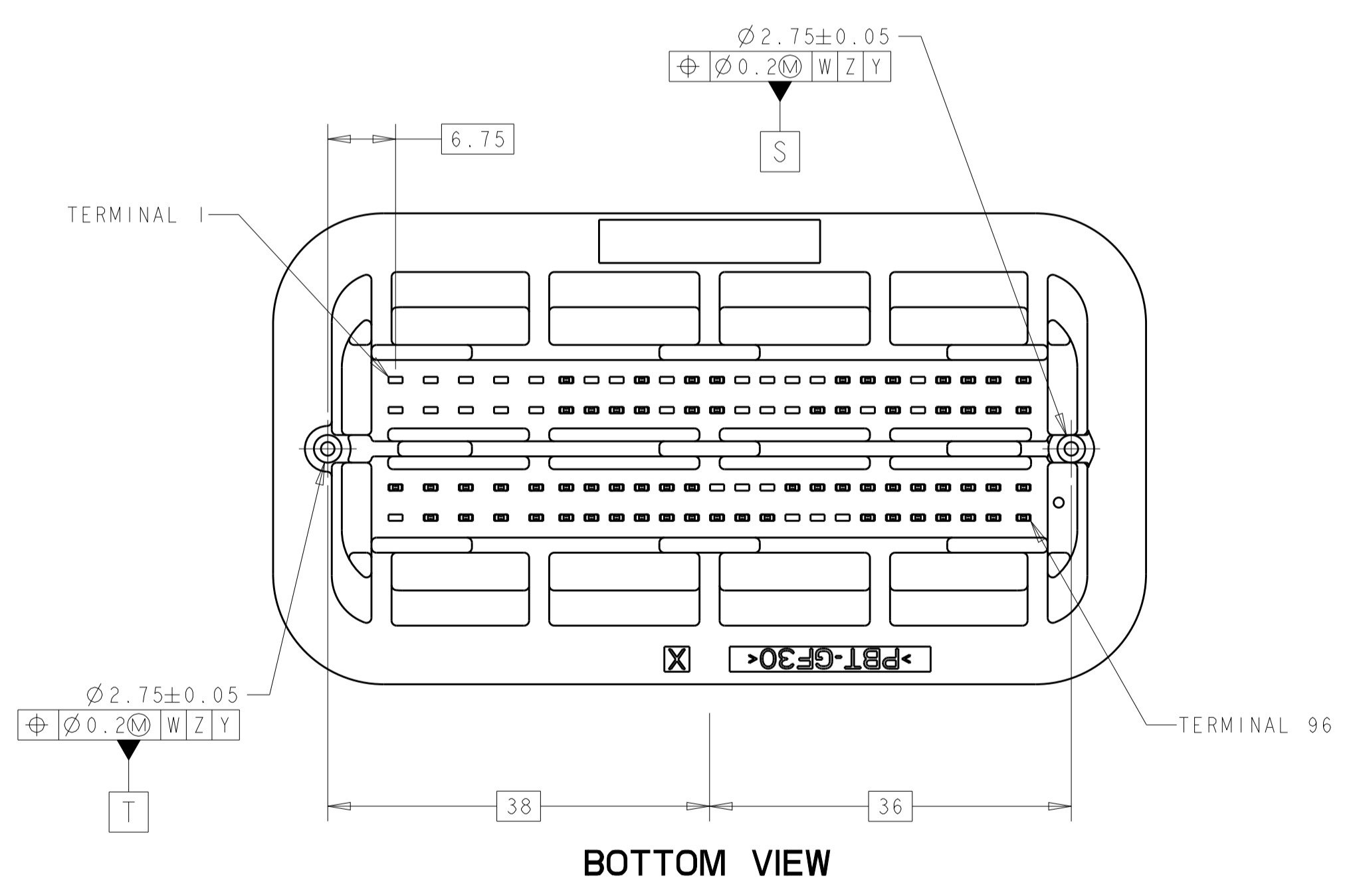
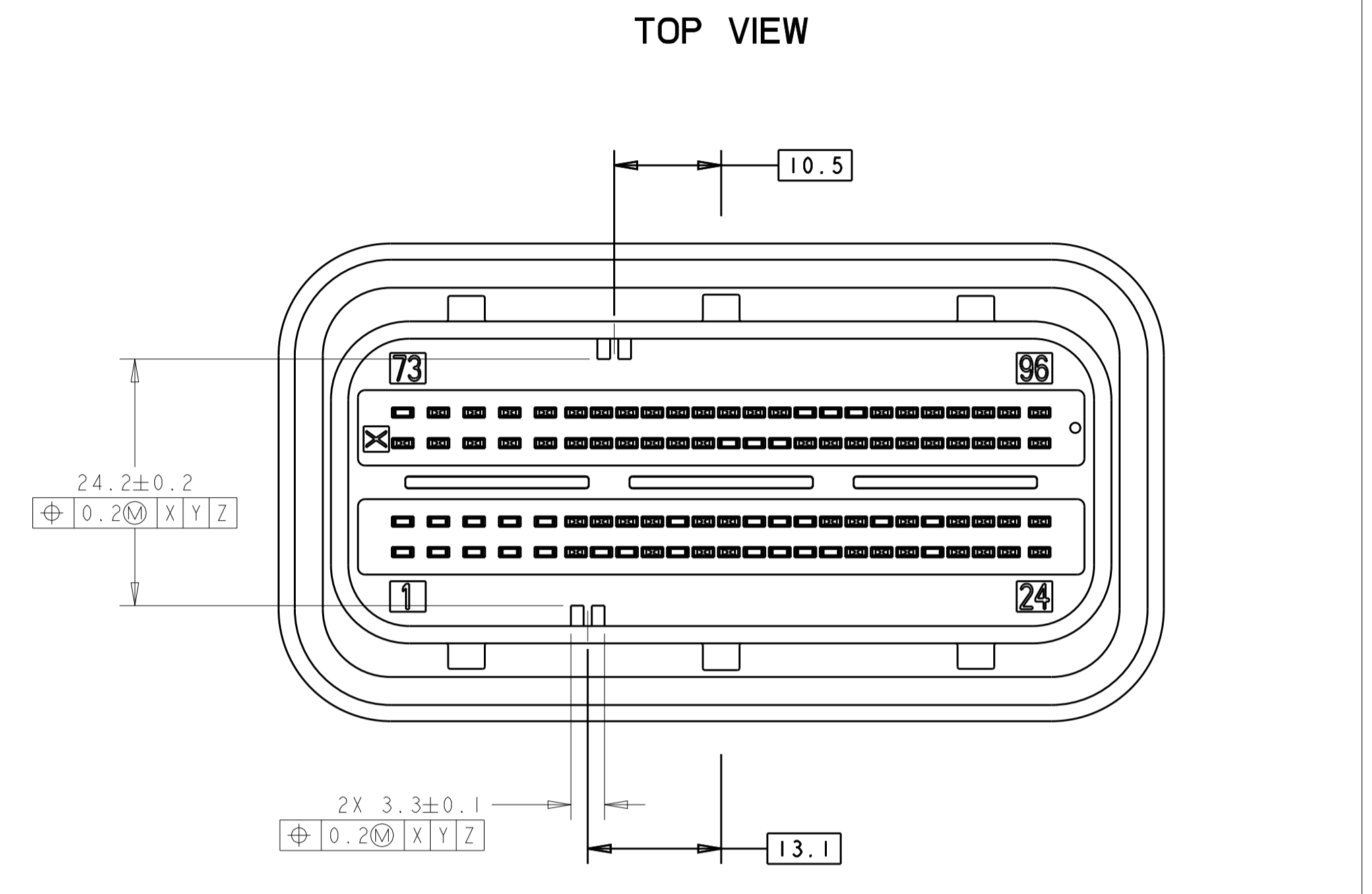
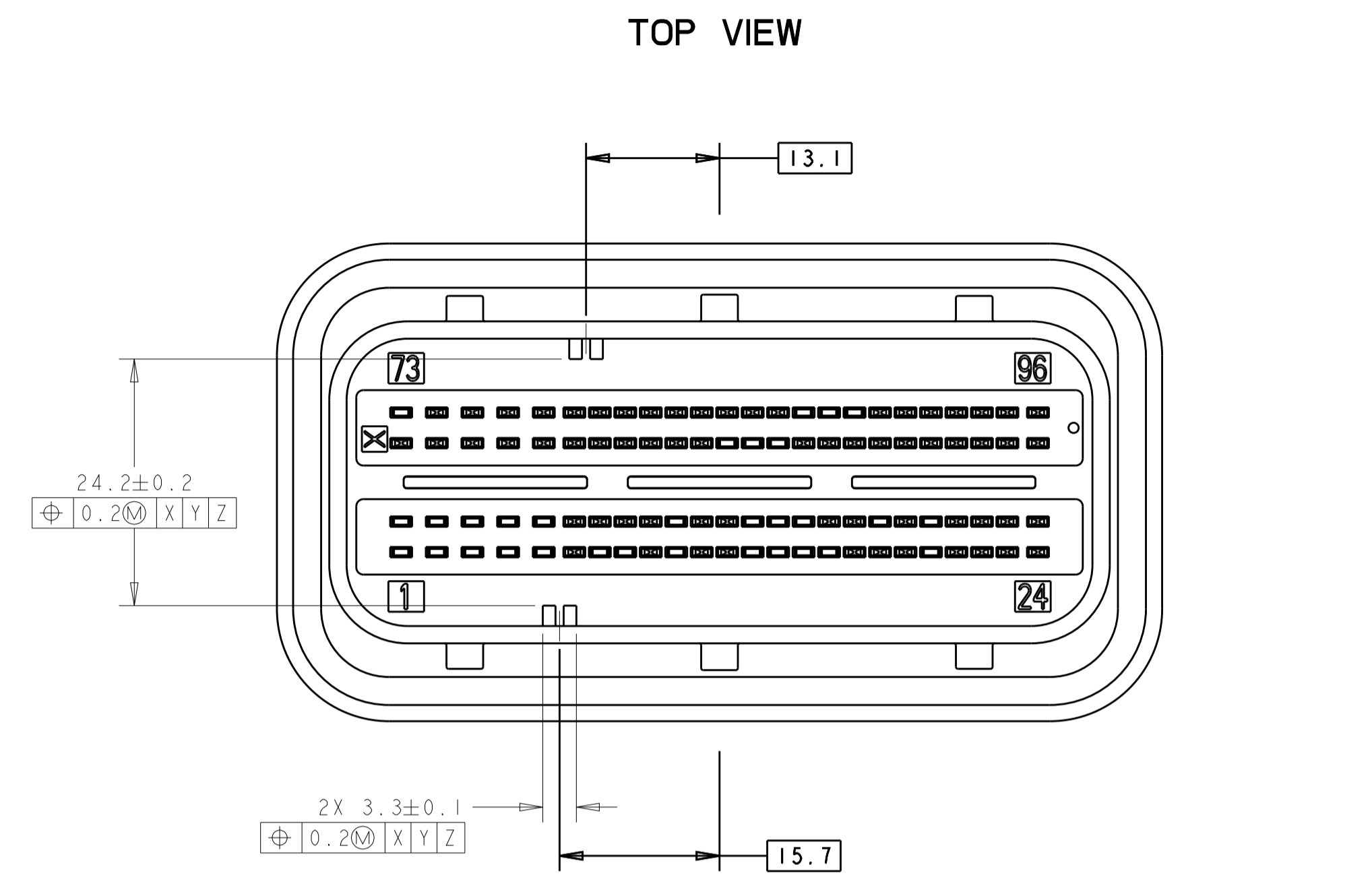
2272170-1
 KEY "A", GRAY HOUSING - NYLON PA66
 1-2272170-1
 KEY "A", GRAY HOUSING - PBT
 GPEC II

2272170-2
 KEY "E", BROWN HOUSING - NYLON PA66
 1-2272170-2
 KEY "E", BROWN HOUSING - PBT
 GPEC II

2272170-6
 KEY "C", TAN HOUSING - NYLON PA66
 1-2272170-6
 KEY "C", TAN HOUSING - PBT
 GPEC II

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: D. DRUMMOND 31OCT2013	TE Connectivity NAME: HEADER ASSEMBLY, 96 POSITION, SEALED, GPEC II, GPEC III, TIN-LEAD SIZE: CAGE CODE DRAWING NO: A100779C=2272170 RESTRICTED TO:
DIMENSIONS: mm		CHK: G. MILLER 31OCT2013	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: G. MILLER 31OCT2013	SCALE: 2:1
0 PLC ±0.3 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.5°		PRODUCT SPEC	SHEET 2 OF 4
MATERIAL: -		APPLICATION SPEC	REV D
FINISH: -		WEIGHT: -	Customer Drawing

REVISIONS				
P.	LTN	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



2272170-4
 KEY "G", GREEN HOUSING - NYLON PA66
 1-2272170-4
 KEY "G", GREEN HOUSING - PBT
 GPEC III

2272170-5
 KEY "H", BLUE HOUSING - NYLON PA66
 1-2272170-5
 KEY "H", BLUE HOUSING - PBT
 GPEC III

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: D. DRUMMOND 31OCT2013	
DIMENSIONS: mm		CHK: G. MILLER 31OCT2013	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: G. MILLER 31OCT2013	NAME: HEADER ASSEMBLY, 96 POSITION, SEALED, GPEC III, TIN-LEAD
0 PLC ±0.3		PRODUCT SPEC	
1 PLC ±0.1		APPLICATION SPEC	SIZE: A100779C=2272170
2 PLC ±0.1		RESTRICTED TO	SCALE: 2:1
3 PLC ±0.1		Customer Drawing	SHEET 3 OF 4
4 PLC ±0.1			REV D
ANGLES ±°			
FINISH			

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[73.353.4028.0](#) [F118010](#) [F119300-B](#) [F132210](#) [F132210-B](#) [F166900](#) [F180100](#) [F258300](#) [F258300-B](#) [F294300-B](#) [F339100](#) [F339700](#) [F358300-](#)
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