

REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN APVD
	C	LOGO CHANGE	10APR2013	RL KZ

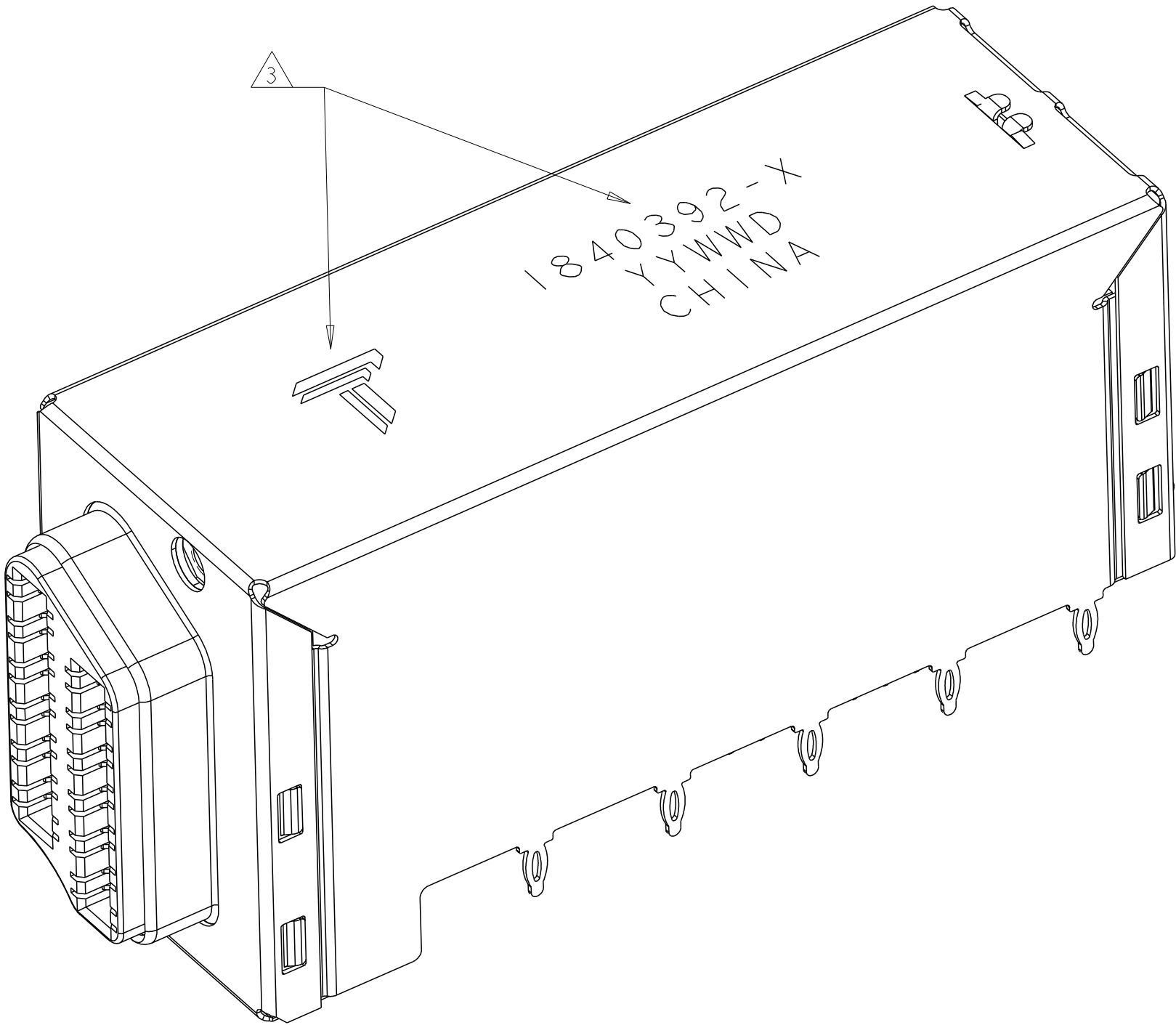
- 1 MATERIALS:
HOUSING: BLACK, THERMOPLASTIC, RATED UL 94V-0
SHIELD: COPPER ALLOY, WITH NICKEL PLATE
SHELL: CARBON STEEL,
CONTACTS: PHOSPHER BRONZE
INSERTS: THREADED, STAINLESS STEEL
CONTACT PLATING: 0.05µm MIN GOLD OVER 0.76µm MIN PALLADIUM-NICKEL,
AT MATING INTERFACE CONTACT AREA
- 2 MAGNETICS
-APPLICATION: 10/100/1000 BASE-T
-IMPEDANCE: 100 OHMS
-TURNS RATIO (CHIP:CABLE): 1:1 ALL FOUR PAIRS
-OPEN CIRCUIT INDUCTANCE (OCL): 350uH MIN @100kHz, 0.1VRMS,
8mADC BIAS FROM 0°C TO 70°C, ALL FOUR PAIRS
-ALL FOUR PAIRS BI-DIRECTIONAL
-PERFORMANCE @ 25°C:
INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz
RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 40MHz
12-20LOG(f/80)dB MIN FROM 40.1MHz TO 100MHz
CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
33-20LOG(f/50)dB MIN FROM 40.1MHz TO 100MHz
COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
-ISOLATION VOLTAGE: COMPLIES WITH IEEE802.3 2002, PARA 40.6.1.1, ITEM b.
- 3 TRP CONNECTOR LOGO, PART NUMBER, DATE CODE AND COUNTRY
OF ORIGIN, SHOWN IN APPROXIMATE LOCATION, DATE CODE: YYWWD "YY" IS
YEAR, "WW" IS WORK WEEK, "D" IS DAY OF WEEK, WITH SUNDAY=1

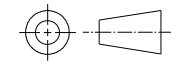
4. RECOMMENDED PCB THICKNESS 1.5mm (.062")
5. SCREW LOCKS ARE FOR USE WITH JACKSCREWS
TO PROVIDE CABLE RETENTION
6. RECOMMENDED TORQUE FOR SCREW LOCK IS 4 IN-LB

- 7 SCREW LOCK DESIGNATIONS:
SCREW LOCKS MUST BE ORDER SEPARATELY FROM BELOW TABLE
SCREW LOCKS PACKAGED IN QUANTITY OF 960 PIECES

>1mm-<2mm	1339381-2
>0mm-<1mm	1339381-1
PANEL THICKNESS	SCREW LOCK PART NUMBER

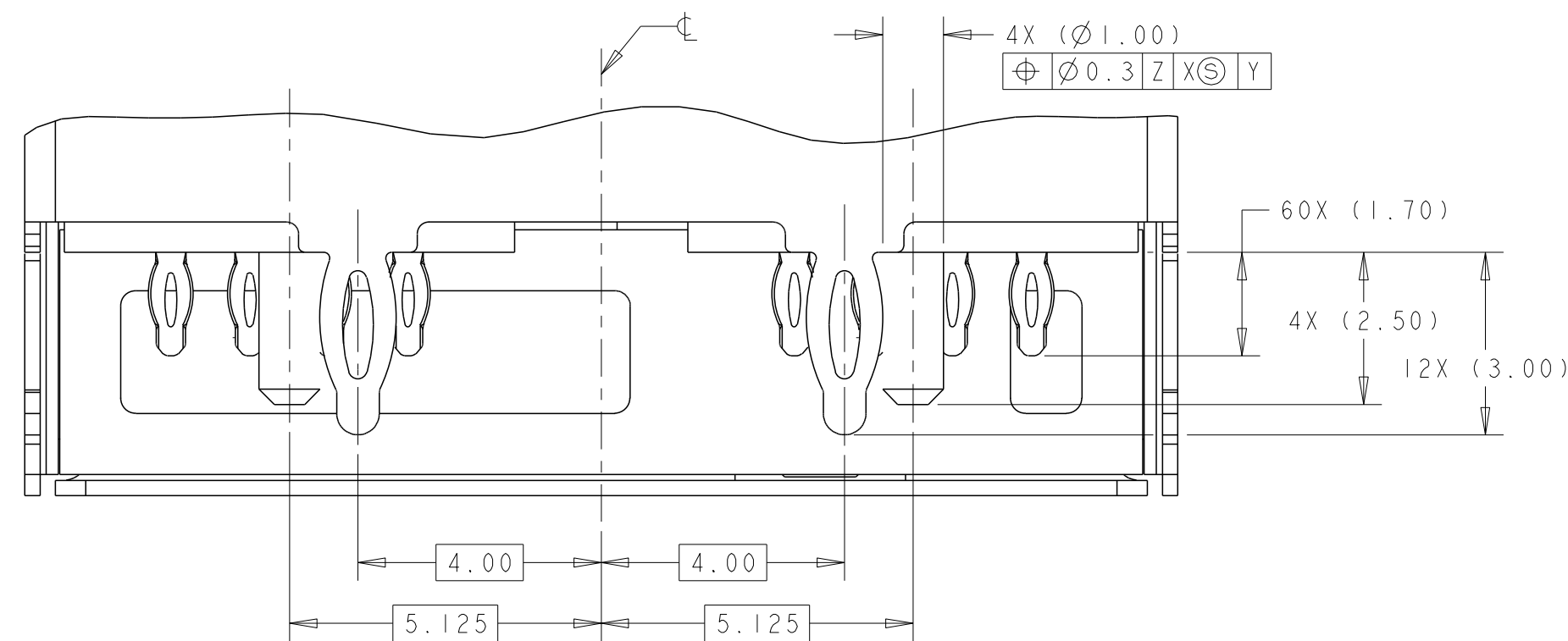
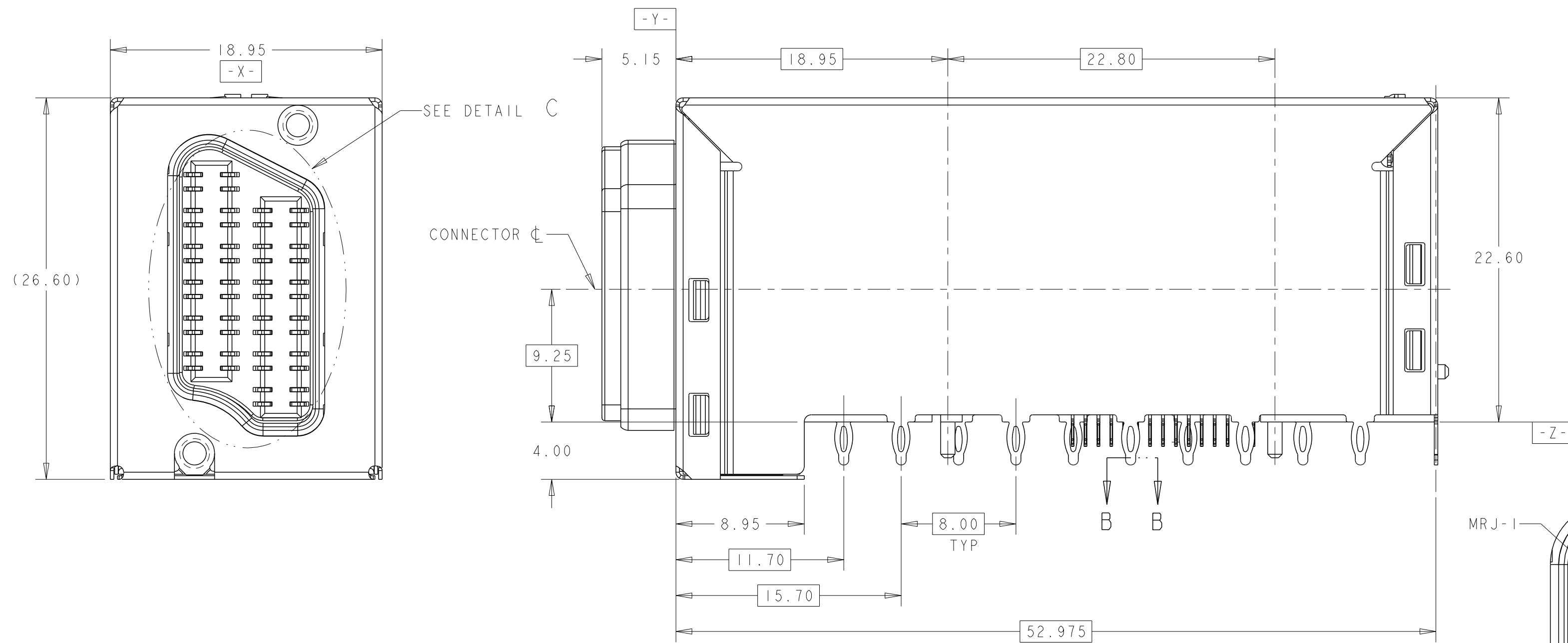
8. OPERATING TEMPERATURE: FROM 0°C TO 70°C



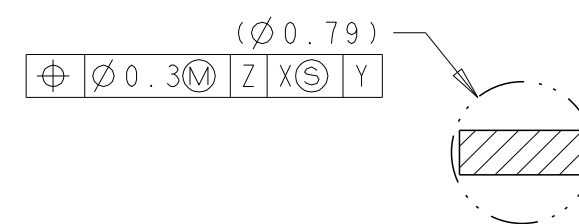
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 25JUL2008 TOMMY REN	 TRP connector Dongguan China	
DIMENSIONS: mm		CHK 25JUL2008 KEITH ZHU		
		APVD 25JUL2008 TEDDY XIONG		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ± ANGLES ± FINISH		108-2286	NAME SINGLE POSITION MODULE, 4mm OFFSET, NON-POE, MRJ-21, 9G34 CIRCUIT	
MATERIAL		APPLICATION SPEC	SIZE A2	CAGE CODE
		WEIGHT -	DRAWING NO C=1840392	
		CUSTOMER DRAWING	SCALE NTS	SHEET 1 OF 5
				REV C

1840392-1

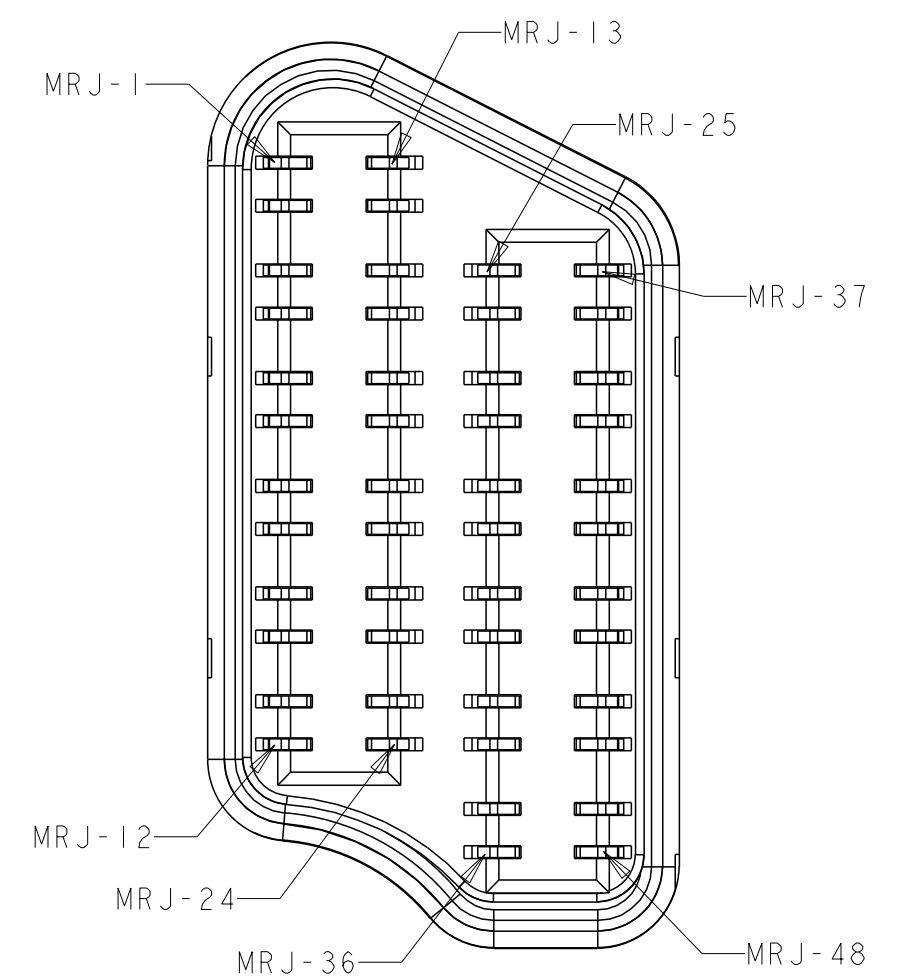
PART
NUMBER



SECTION A-A
SCALE 10:1

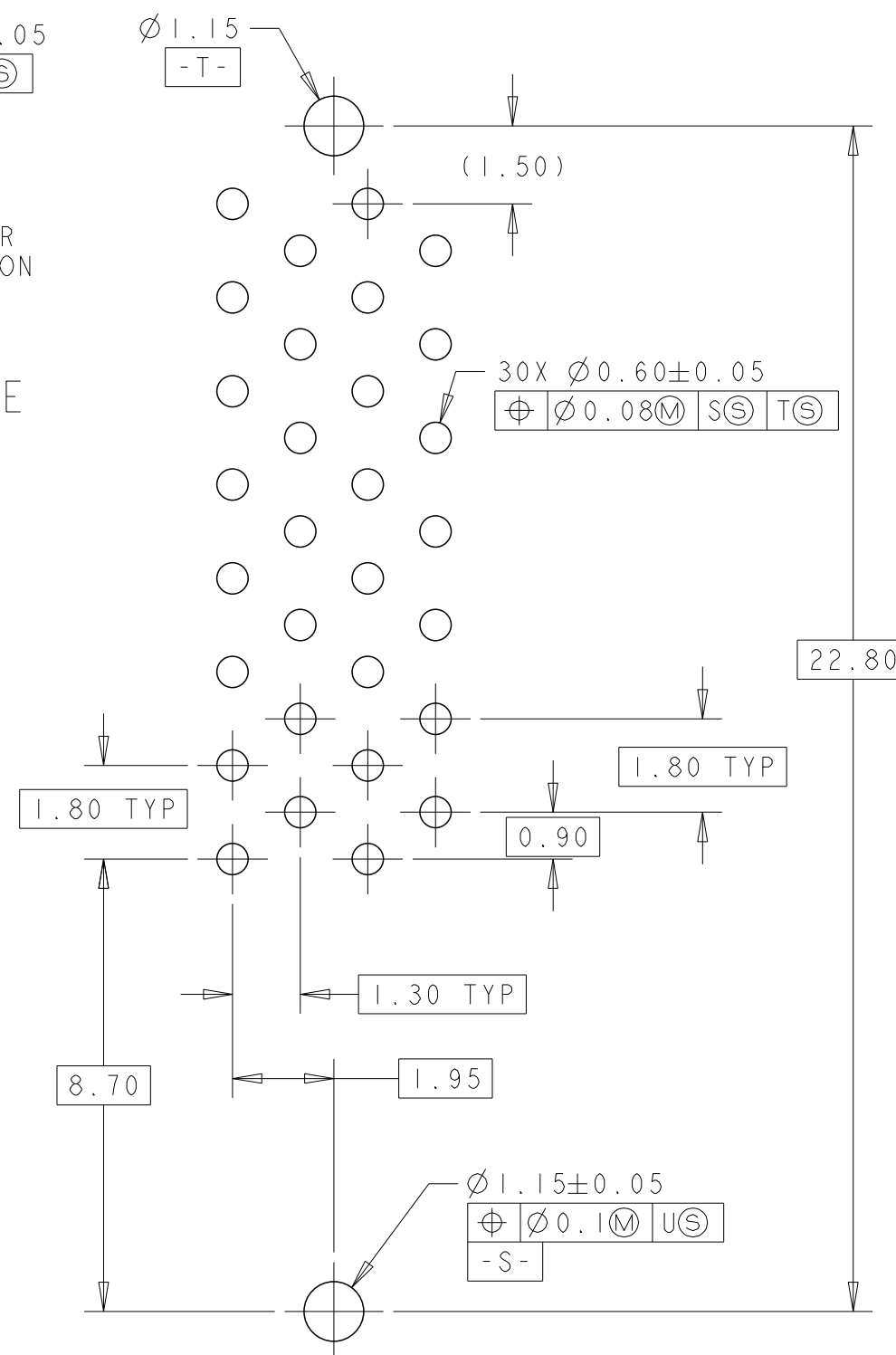
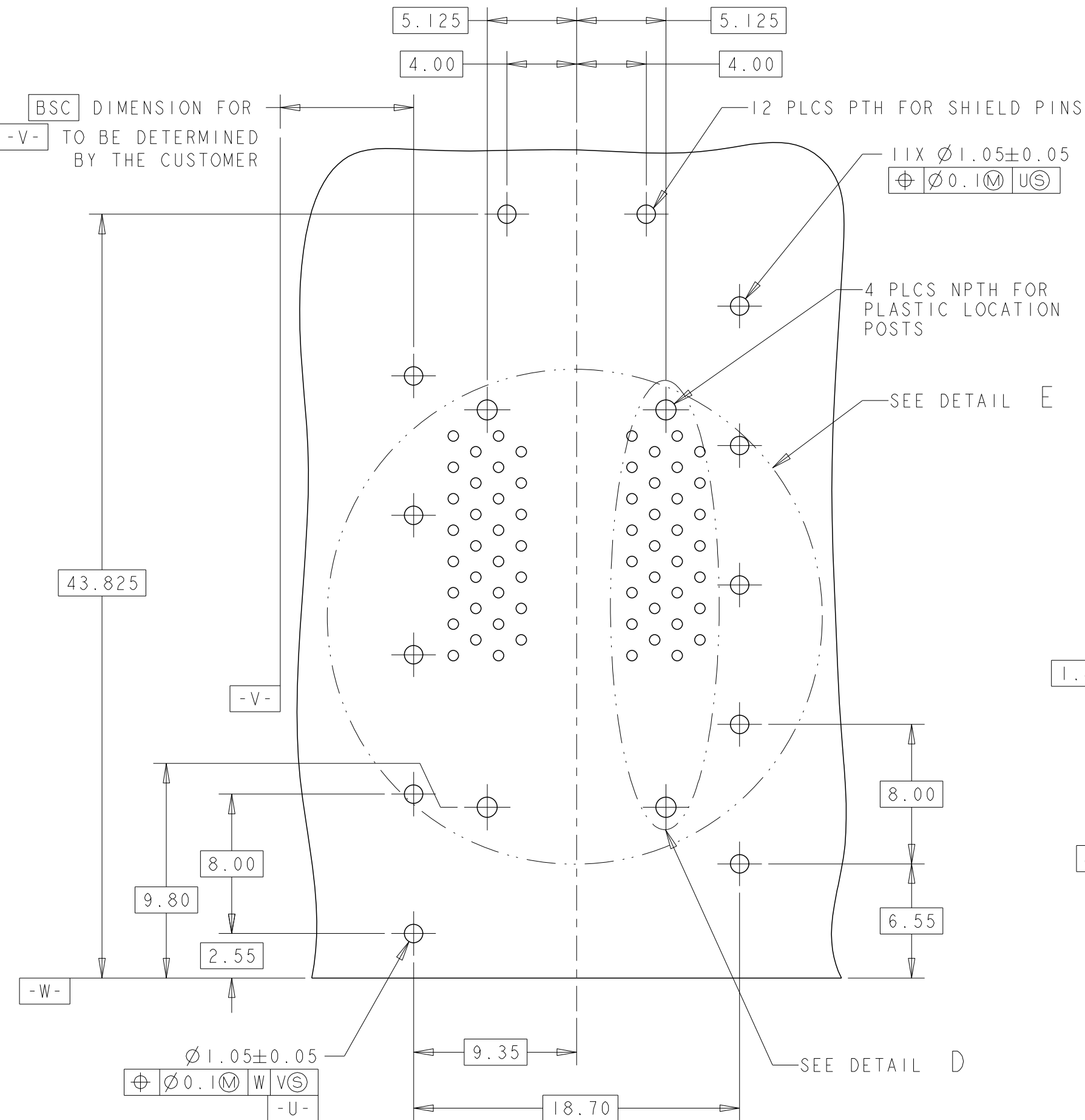


SECTION B-B
12X INDIVIDUALLY
SCALE 25:1

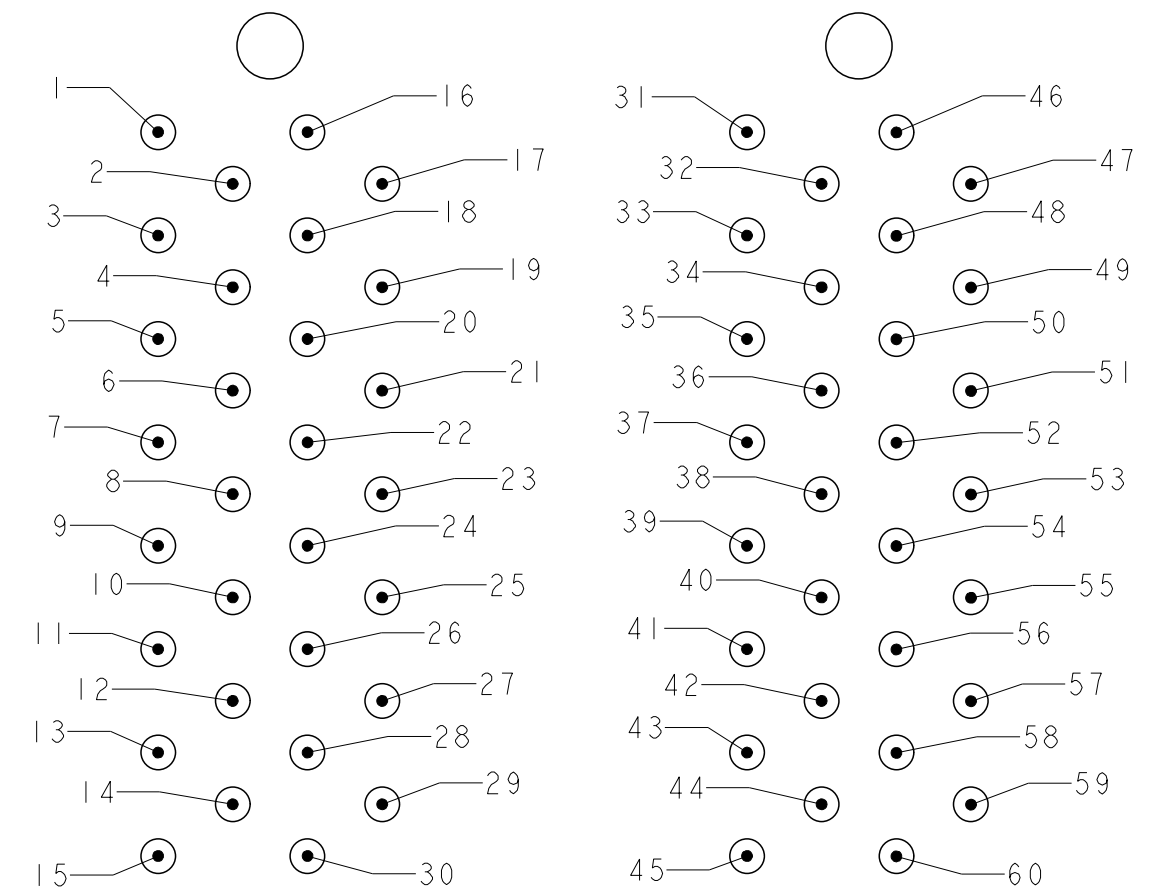


DETAIL C
MRJ INTERFACE
PIN DESIGNATIONS
SCALE 6:1

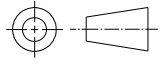
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0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ± FINISH		PRODUCT SPEC 108-2286 APPLICATION SPEC		
MATERIAL		WEIGHT	SIZE A2	CAGE CODE C=1840392
CUSTOMER DRAWING		SCALE NTS	SHEET 2	OF 5
			REV C	



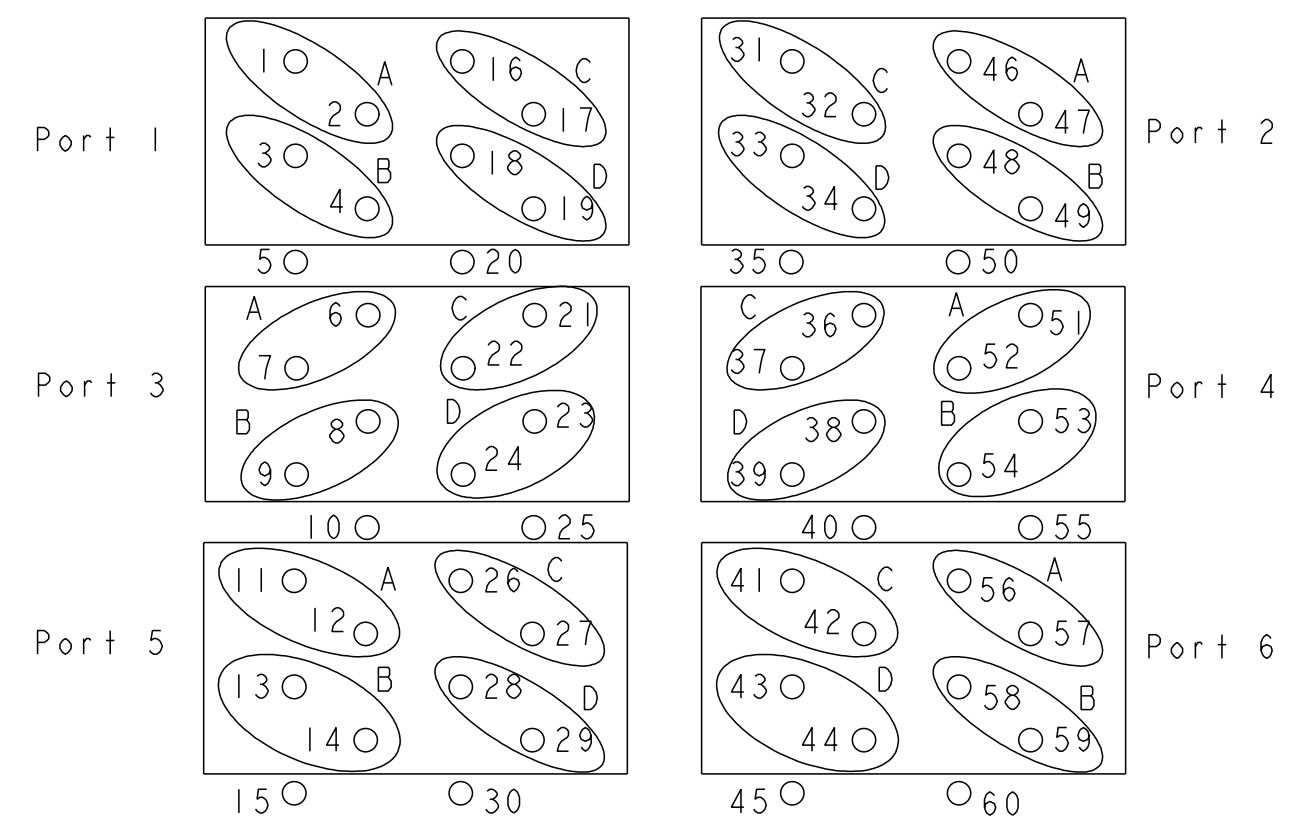
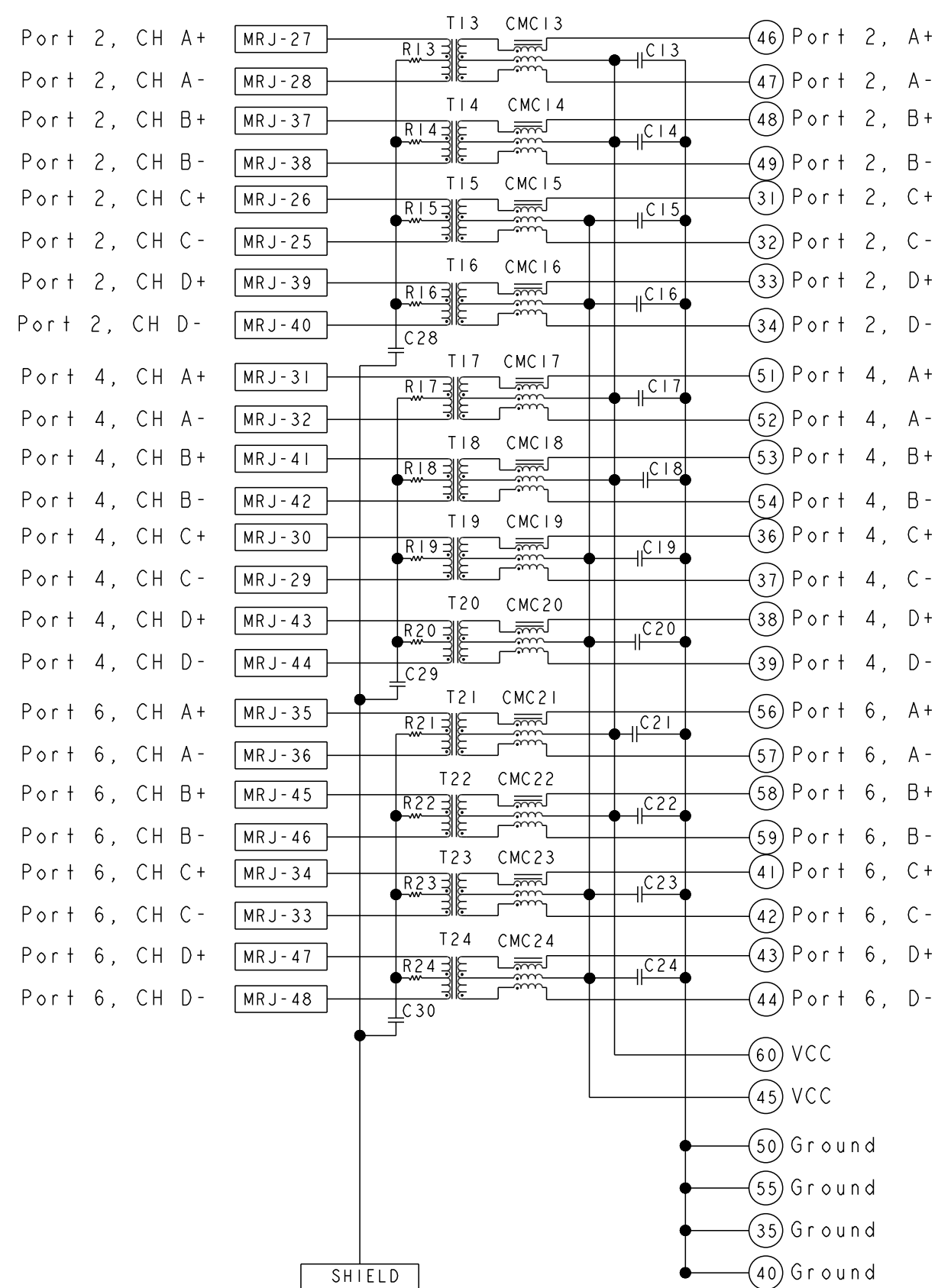
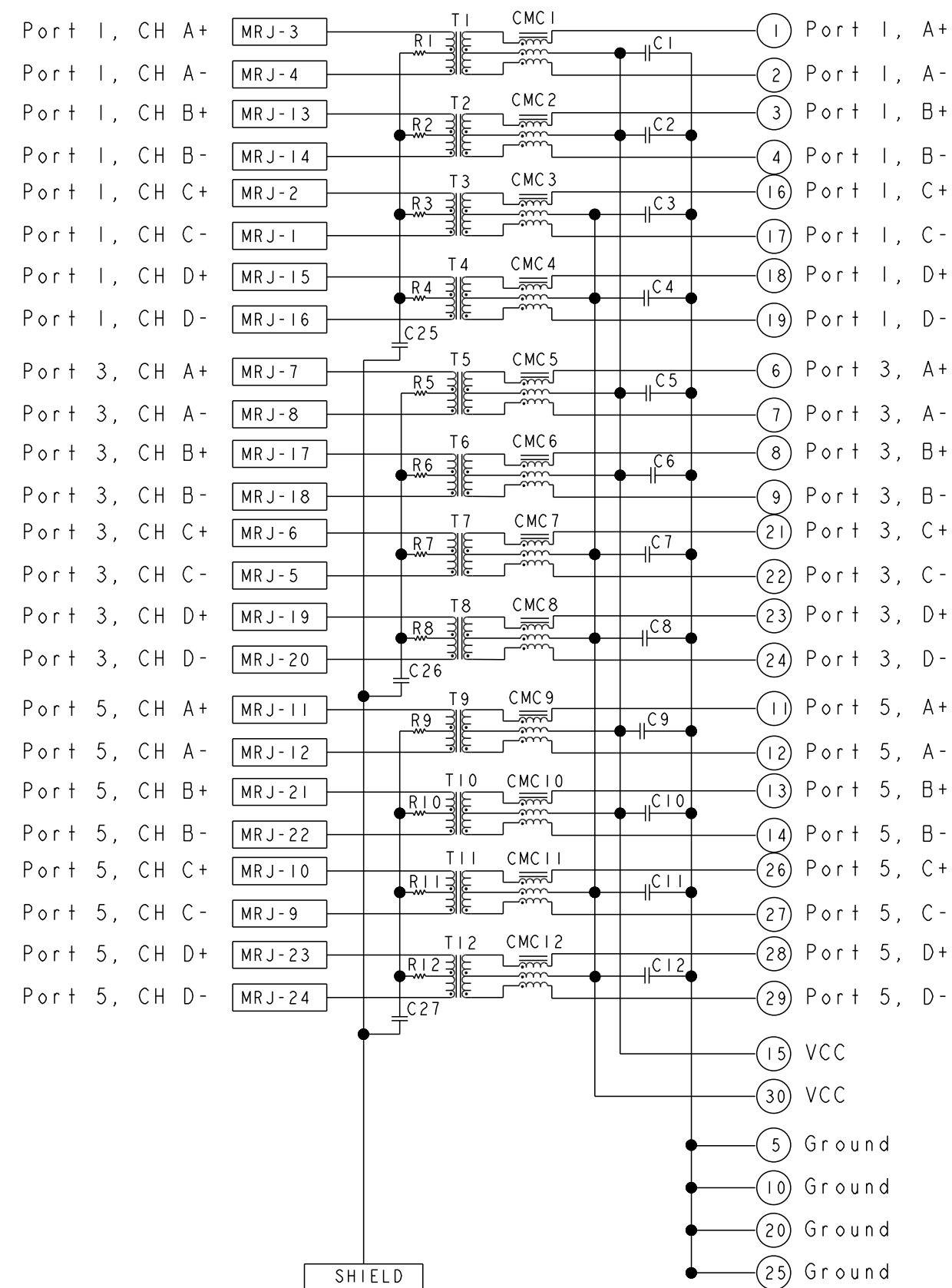
DETAIL D
2X INDIVIDUALLY
SCALE 8:1



DETAIL E
HOST BOARD PIN IDENTIFIERS
SCALE 8:1

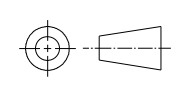
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0 PLC ± 0.25 1 PLC ± 0.25 2 PLC ± 0.25 3 PLC ± 0.25 4 PLC ± 0.25 ANGLES FINISH $\pm$		WEIGHT -	SIZE A2	CAGE CODE C=1840392
MATERIAL -		CUSTOMER DRAWING		RESTRICTED TO -
		SCALE NTS	SHEET 3	OF 5
		REV C		

9G34 GIGABIT CIRCUIT Δ

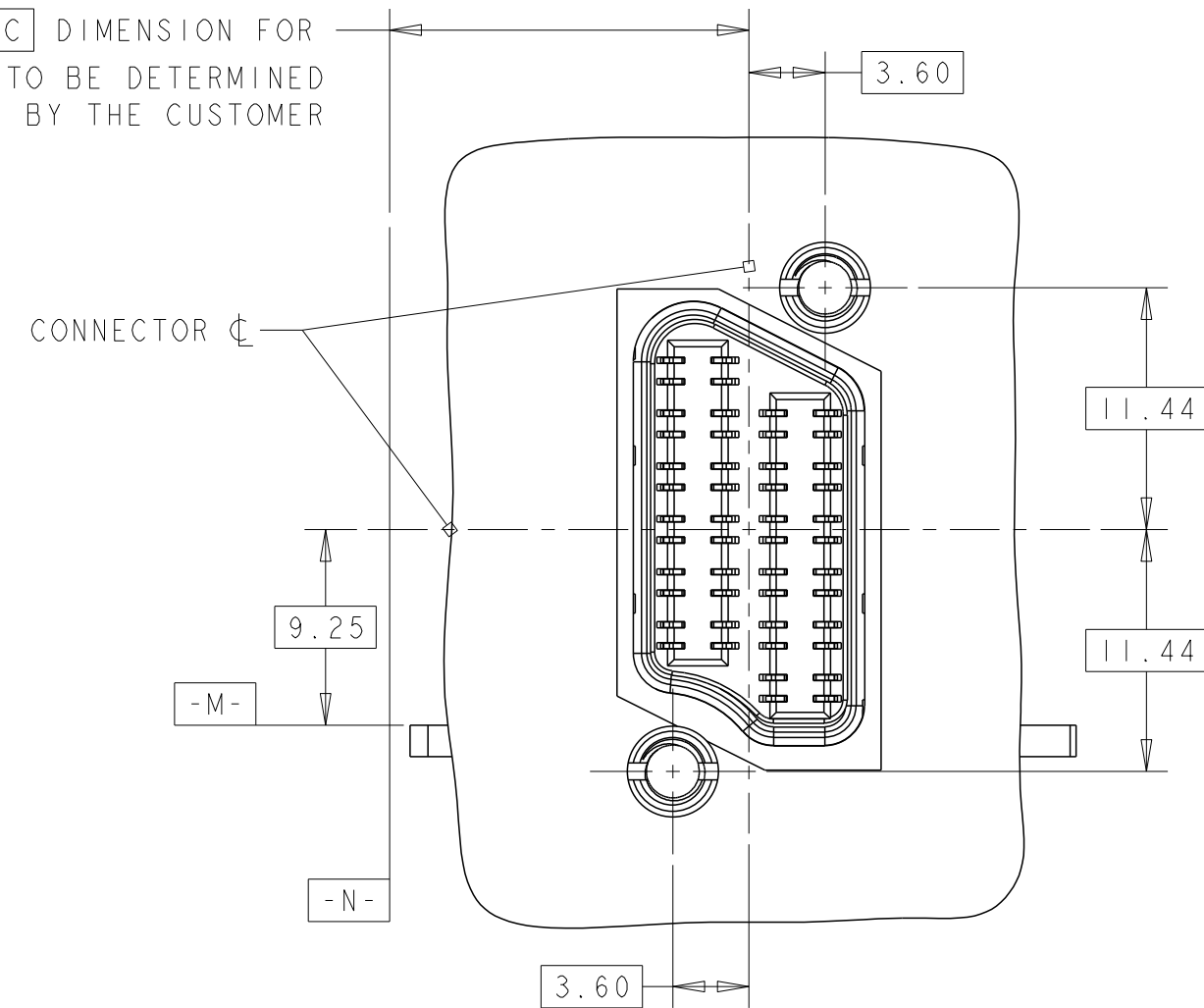


FOOTPRINT

R1-R24 = 75 ohms, RESISTOR
C1-C24 = 10 nF, 50V, CAPACITOR
C25-C30 = 1000pF, 2kV, CAPACITOR

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		WEIGHT	DRAWING NO C=1840392
MATERIAL		CUSTOMER DRAWING	RESTRICTED TO
		SCALE NTS	SHEET 4 OF 5 REV C

BSC DIMENSION FOR
-N- TO BE DETERMINED
BY THE CUSTOMER

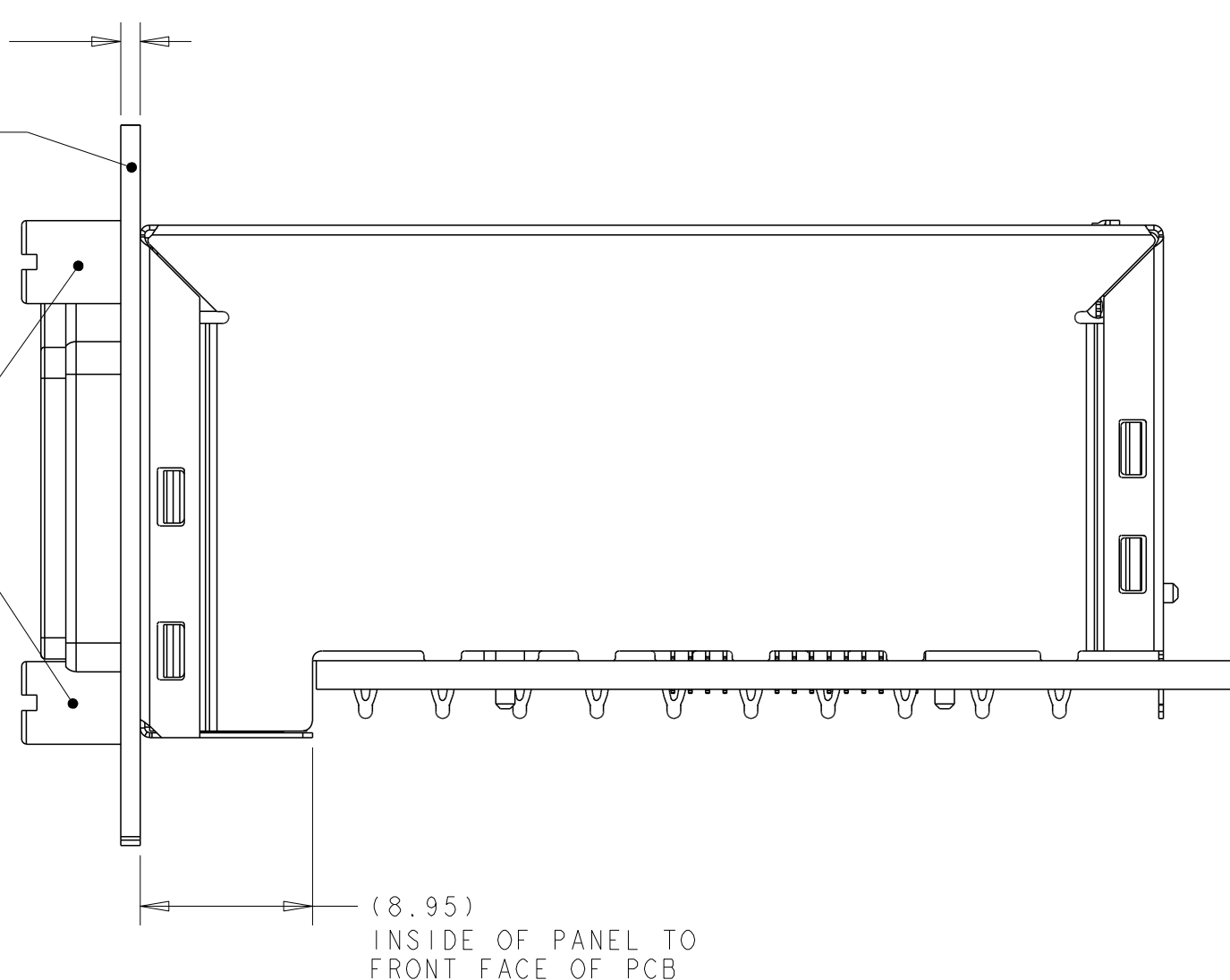


RECOMMENDED PANEL CUTOUT
SHOWN WITH JACK SCREWS

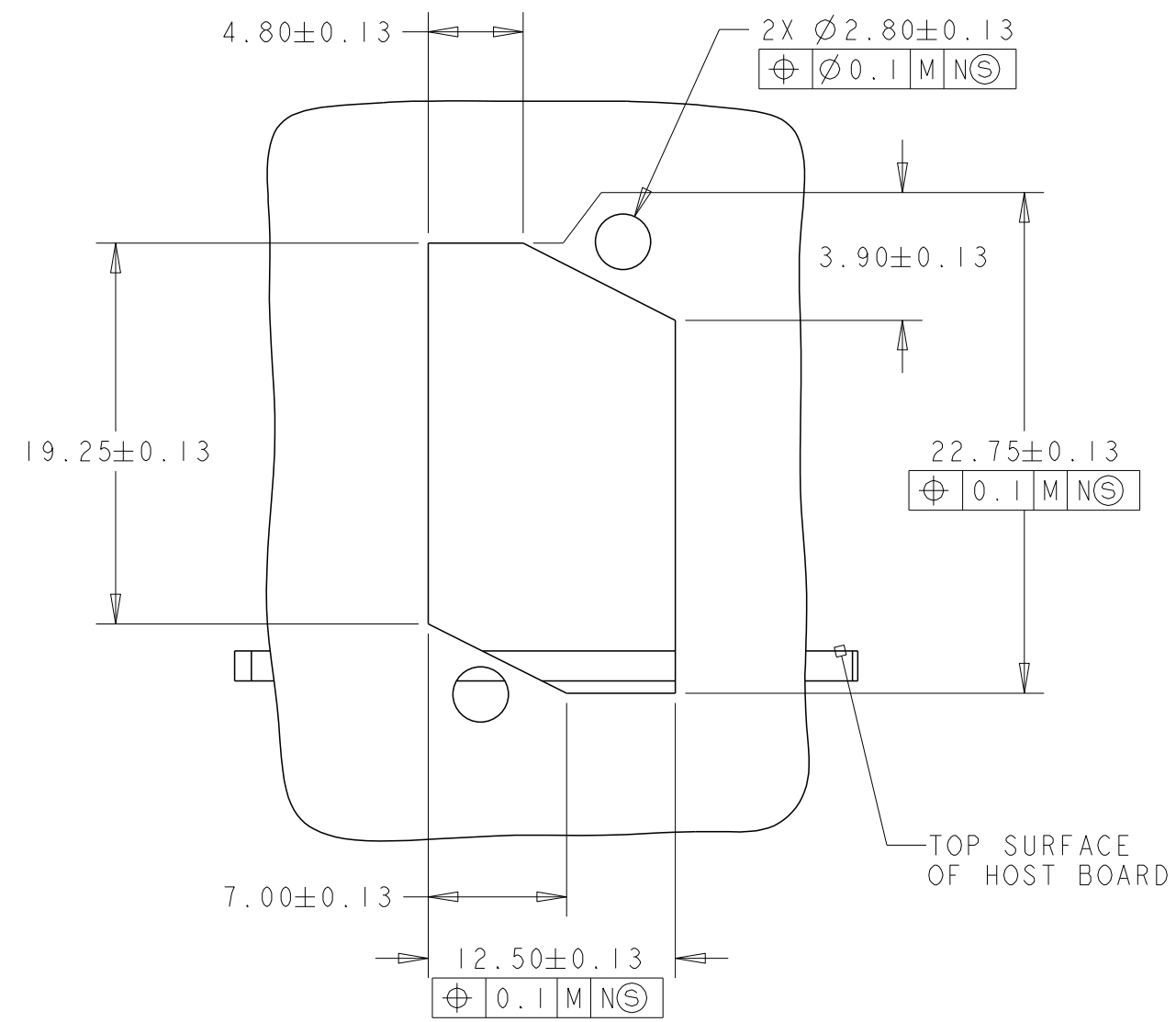
△ PANEL THICKNESS

PANEL SHOULD BE MATED TO THE
FRONT FACE OF THE HOST BOARD
AND SECURE THE CONNECTOR TO
THE PANEL WITH SCREW LOCKS TO
PROVIDE MAXIMUM STRAIN RELIEF

△ SCREW LOCKS
2 PLC



SHOWN WITH SCREW LOCKS REINSTALLED
THRU PANEL AFTER INSERTION INTO BOARD



RECOMMENDED PANEL CUTOUT
SHOWN THE HOST BOARD ASSEMBLY WITH PANEL ONLY

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MATERIAL -		CUSTOMER DRAWING	SCALE NTS	SHEET 5 OF 5
			REV C	