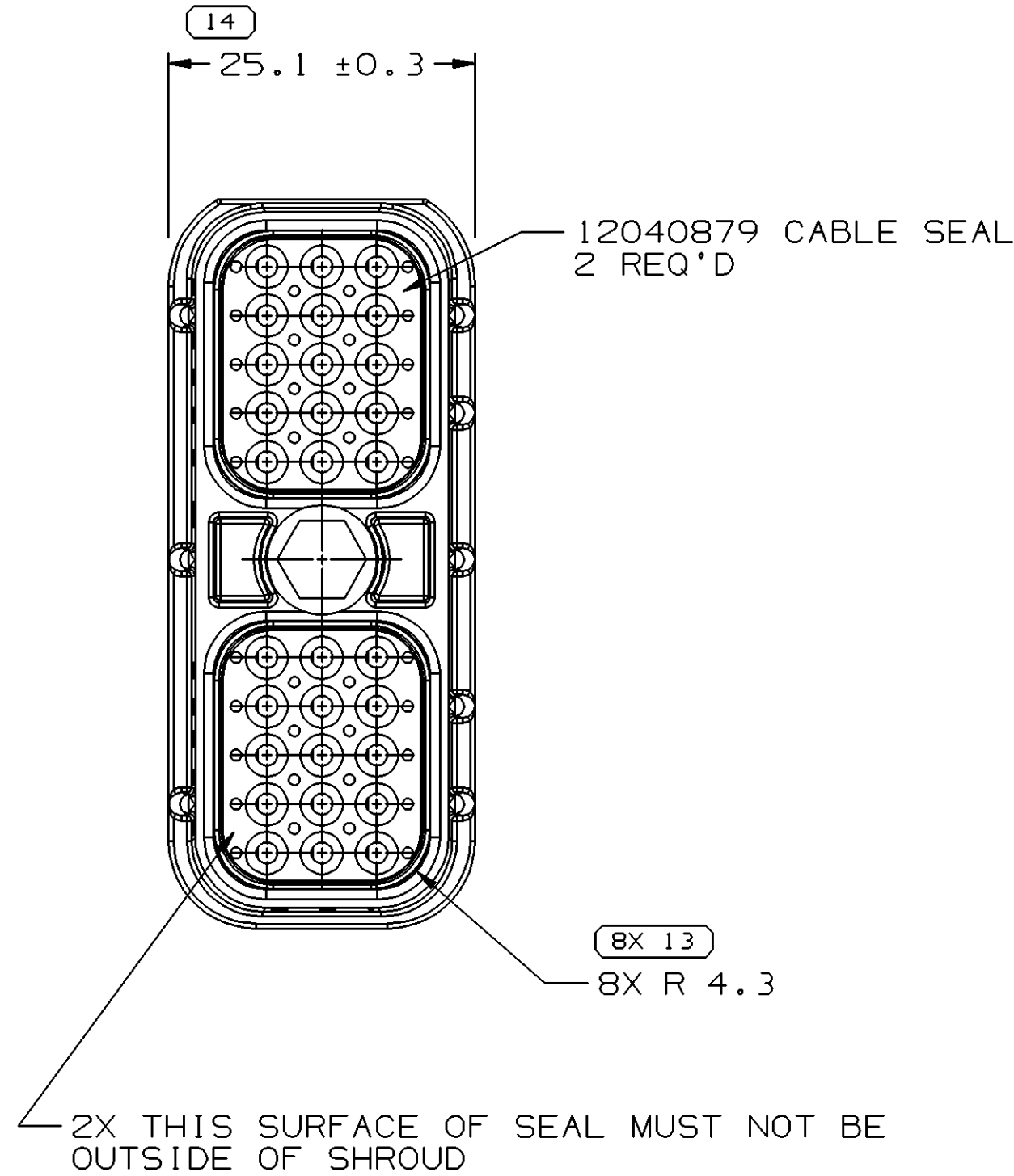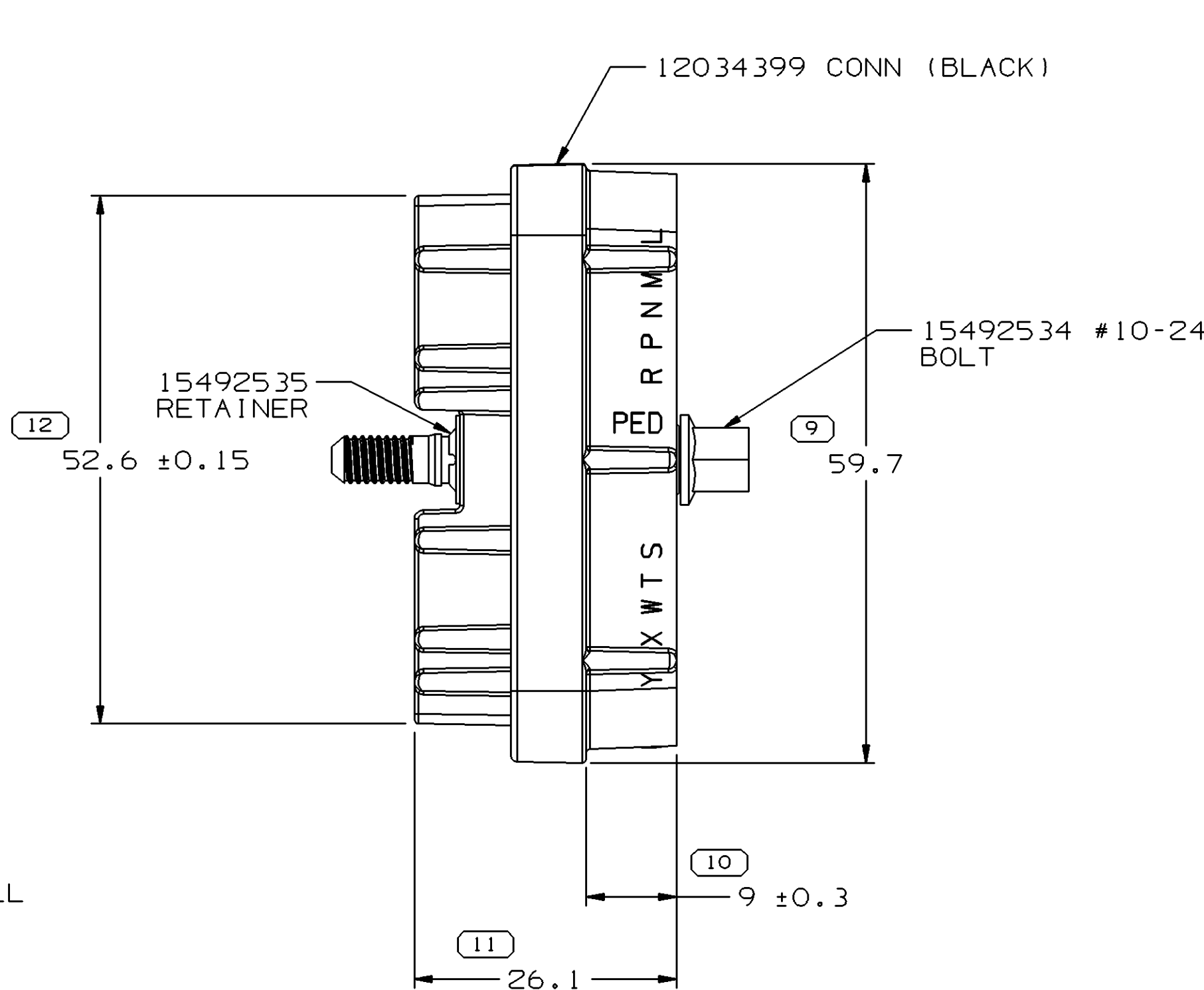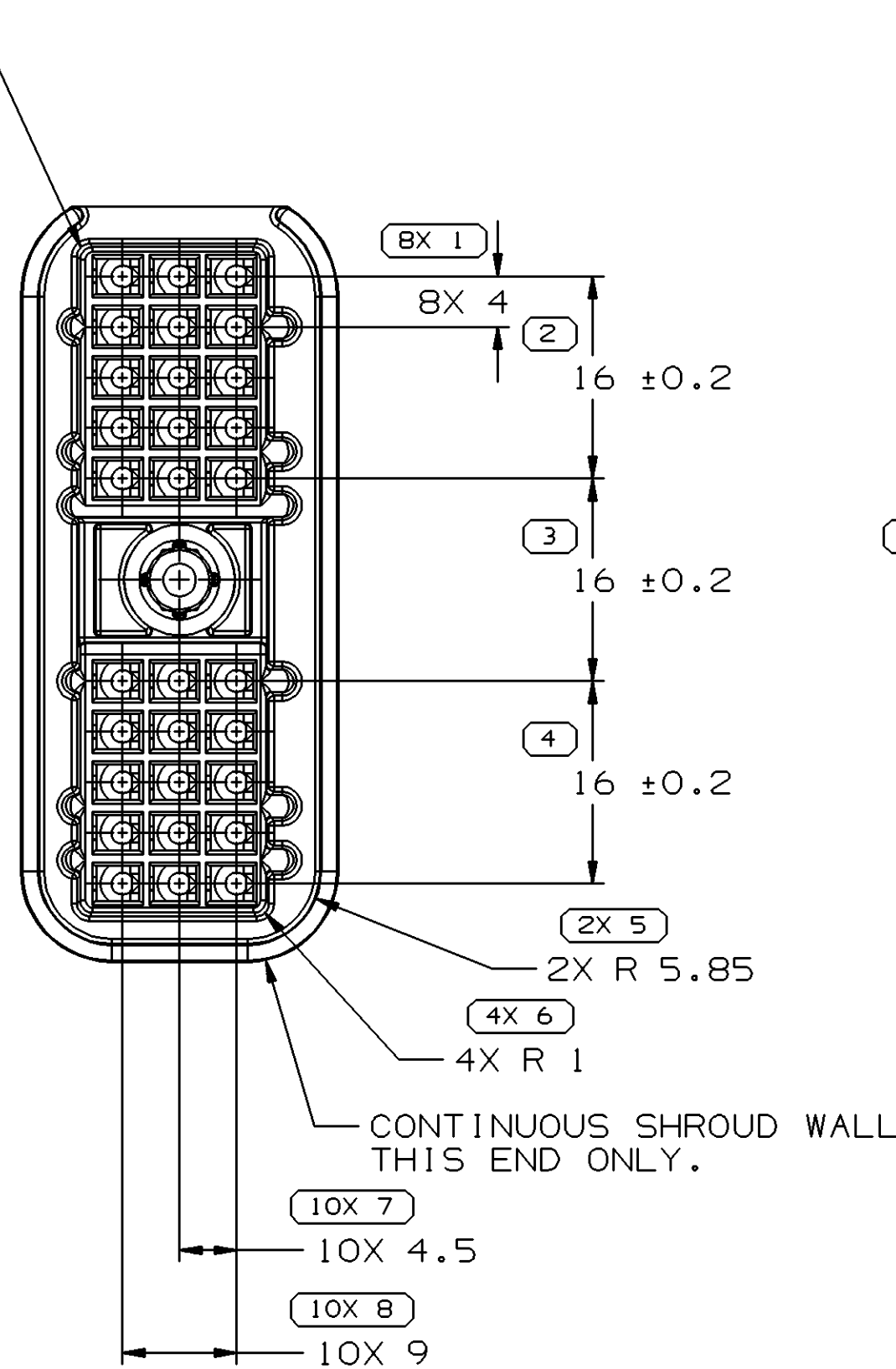SYMBOL DEFINITION

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.
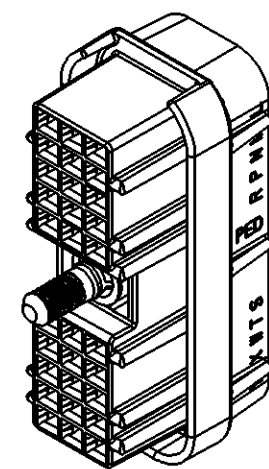
| TOTAL NO OF INSPECTIONS REQUIRED | 50 |
| LAST NO. USED | 14 |

MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

THESE MATING END SURFACES MUST BE FREE OF MATERIAL VOIDS FOR SEALING PURPOSES.

8X 1
8X 4
2
16 ±0.2
3
16 ±0.2
4
16 ±0.2
2X 5
2X R 5.85
4X 6
4X R 1
CONTINUOUS SHROUD WALL THIS END ONLY.
10X 7
10X 4.5
10X 8
10X 9

12034399 CONN (BLACK)
15492535 RETAINER
12
52.6 ±0.15
PED
R P N M L
J X W T S
15492534 #10-24 BOLT
9
59.7
10
9 ±0.3
11
26.1

14
25.1 ±0.3
12040879 CABLE SEAL 2 REQ'D
8X 13
8X R 4.3
2X THIS SURFACE OF SEAL MUST NOT BE OUTSIDE OF SHROUD

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-644 (WEATHER-PACK),ESA-710 (METRI-PACK), ESA-650 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC WHEN MATED TO MATING PART OR EQUIVALENT.

3. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT: CAVITIES TO ACCEPT 12047680 TERMINAL OR EQUIVALENT.

4. REFERENCE MATING COMPONENTS OR EQUIVALENT: CONNECTOR 12034395

5. THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.

6. BOLT TO BE RETAINED IN ASSEMBLY TO A MINIMUM 400 N

7. RECOMMENDED MATING TORQUE: 0.8 N-M TO 1.5 N-M.

8. BOLT MUST ROTATE IN CONNECTOR AT A TORQUE OF LESS THAN 0.6 N-M AFTER RETAINER IS ASSEMBLED.

DELPHI

DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

DWG TYPE — PART DRAWING

STYLE

VOLUME (CM³)   DISTR CODE   D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

	DATE
DR	
APVD1 JOSE PALACIOS B	09JL04
APVD2 FCO. RESENDIZ	13JL04
APVD3 MATTHEW ROUSSEL	17SE04
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL
SEE DRAWING

REFERENCE

9   PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

DRAWING NAME
ASM CONN 0 F M/P 150 BLK SLD BASE 30

DRAWING NUMBER
15492543

DIMENSIONAL RANGE (MM)								CHART E1
FROM	>0	>20	>30	>70	>100	>150	>200	>250	>300
TO	20	30	70	100	150	200	250	300	400
TOLERANCE UNLESS OTHERWISE SPECIFIED								
±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2
ANGULAR TOLERANCE ±2°								

THIRD ANGLE PROJECTION

DO NOT SCALE
USE MATH DATA

| SIZE | SCALE | FRAME NO | SHEET NO | STG | REV | N/P |
| A1 | 2:1 | 1 OF 1 | 1 OF 1 | R | 01 | AA |

Mouser Electronics

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