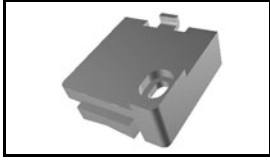


## 640717-1 Product Details

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**640717-1**

TE Internal Number: 640717-1

 **Active**

 [View 3D PDF](#)

### Soft Shell - Accessories

 **Always EU RoHS/ELV Compliant**  
(Statement of Compliance)

### Product Highlights:

- Accessory Type = Strain Relief
- Universal MATE-N-LOK
- Nylon Housing Material
- Color = White
- Number of Circuits = 12

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
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## Documentation & Additional Information

### Product Drawings:

- [STRAIN RELIEF AND INSERT, 12 CIRCUIT, UNIVERSAL MATE...](#) (PDF, English)

### Catalog Pages/Data Sheets:

- [SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#) (PDF, English)

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- [Universal MATE-N-LOK Connectors](#) (PDF, English)

### CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version C1)
- [3D Model](#) (IGES, Version C1)
- [3D Model](#) (STEP, Version C1)

[List all Documents](#)

### Related Products:

- [Tooling](#)

## Product Features (Please use the Product Drawing for all design activity)

### Product Type Features:

- Accessory Type = Strain Relief
- Connector Line = Universal MATE-N-LOK
- Color = White

### Body Features:

- Insert Supplied = Yes
- Wire Diameter Range (mm [in]) = 3.81 - 19.05 [0.150 - 0.750]

### Contact Features:

- Contact Layout = Matrix

### Housing Features:

- Housing Material = Nylon
- UL Flammability Rating = UL 94V-0

### Configuration Features:

- Number of Circuits = 12

### Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

### Other:

- Brand = AMP
- Comment = Must use cap housing adapters when

attaching strain reliefs to a cap housing. Two adapters required per housing.; Strain relief part number represents one half of a strain relief. Two of

a part number are required per connector.

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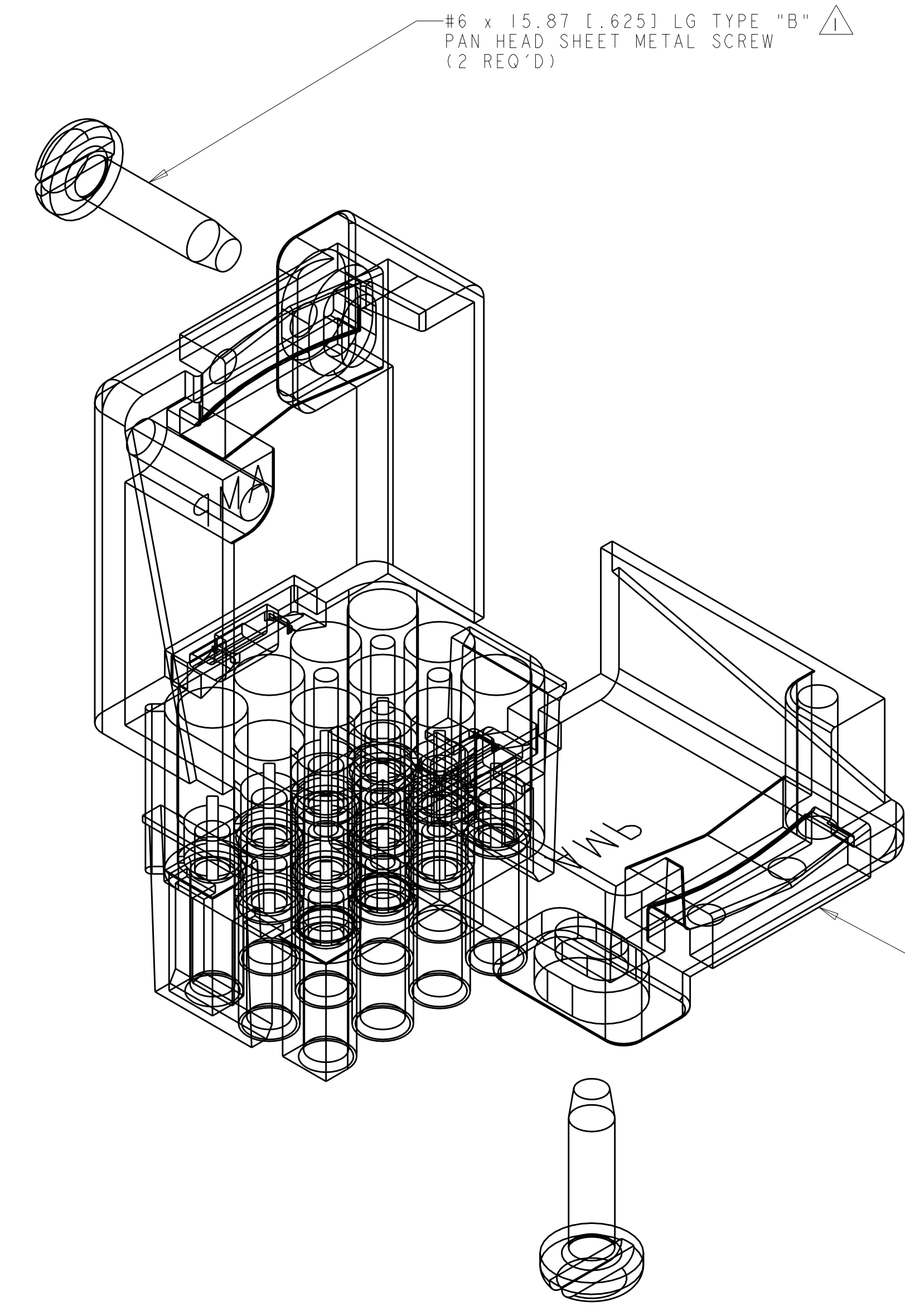
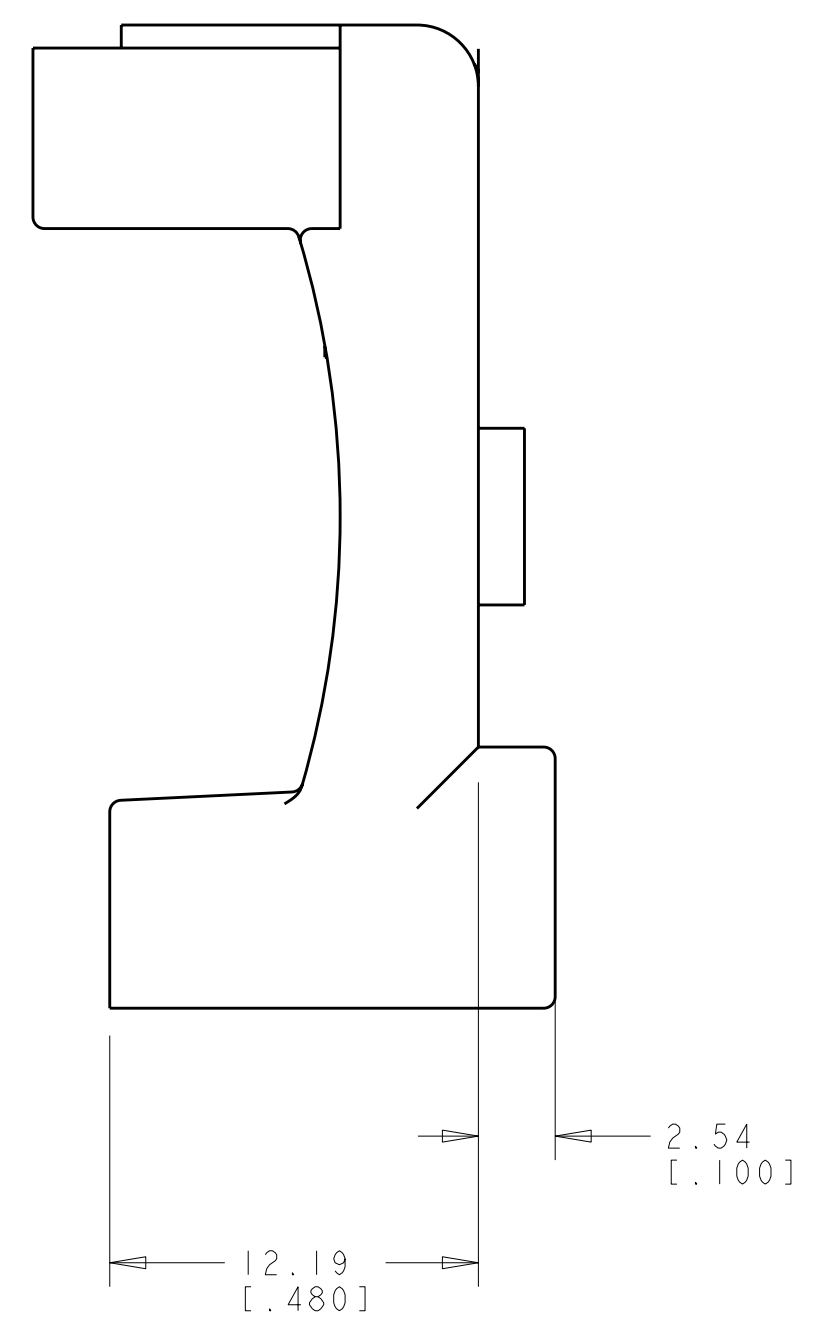
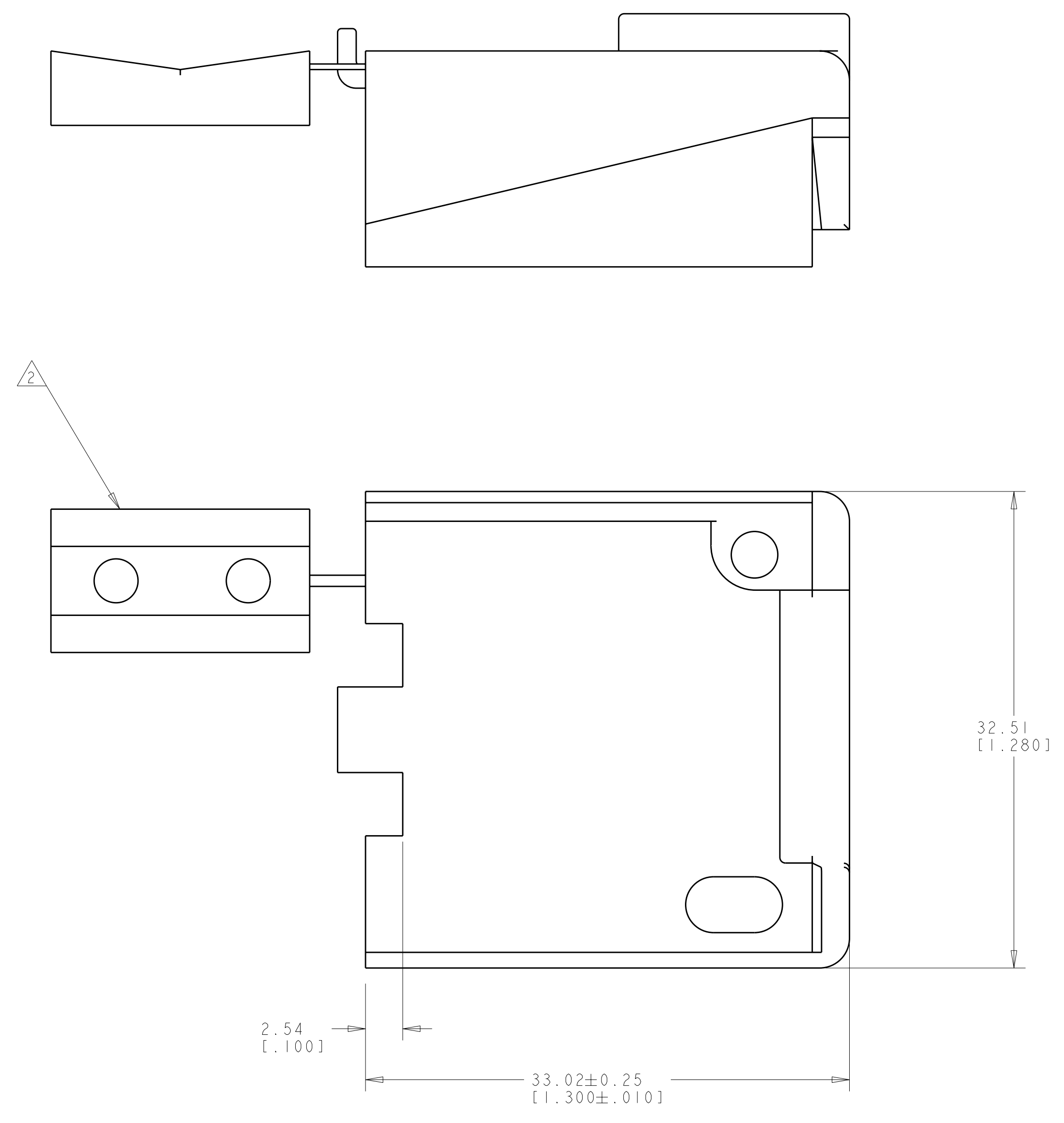


### Keep Me Informed



LOC	DIST	REV	DATE	BY	APP'D
CM	00	C1	28AUG2006	KW	SR

- △ SHEET METAL SCREWS NOT SUPPLIED.
- ② INSERT IS ATTACHED TO STRAIN RELIEF AS AN ADDITIONAL ADJUSTMENT FOR SMALL WIRE BUNDLES. IT SHOULD BE CUT OFF AND POSITIONED AS SHOWN.
- ③ TWO REQUIRED PER CONNECTOR.
- 4. DETACHABLE INSERT MAY SEPARATE FROM STRAIN RELIEF BODY DURING SHIPPING.



	WIRE BUNDLE DIAMETER
WITHOUT INSERT	19.05 [.750] MAX
WITH INSERT	3.81 [.150] MAX

COLOR	MATERIAL	PART NUMBER
BLACK	NYLON UL94V-0	640717-2 △③
NATURAL	NYLON UL94V-0	640717-1 △③



DIMENSIONS: mm [INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 5 PLC ±0.13 [1.005] 4 PLC ± ANGLES 40° 30' FINISH - MATERIAL SEE TABLE		DWN: R. WHITAKER 28AUG2006 CHK: S. RIDGILL 28AUG2006 APVD: S. RIDGILL 28AUG2006 PRODUCT SPEC APPLICATION SPEC WEIGHT - CUSTOMER DRAWING	Tyco Electronics Harrisburg, PA 17105-3608 NAME: STRAIN RELIEF AND INSERT, 12 CIRCUIT, UNIVERSAL MATE-N-LOK(TM) SIZE: A1 CAGE CODE: 00779 DRAWING NO: C-640717 SCALE: 4:1 SHEET: 1 OF 1 REV: C1
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