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Have a Question?
Chat with a Product
Information Specialist   What can we help you find?

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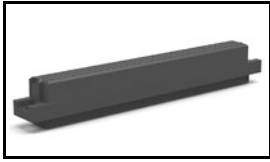# 746603-4 Product Details

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746603-4

TE Internal Number: 746603-4

✔ Active

📄 View 3D PDF

Eurocard Type C

🍃 Always EU RoHS/ELV Compliant

(Statement of Compliance)

Product Highlights:
- Eurocard Product Line
- Product Series = Type C
- Connector Assembly
- Connector Style = Receptacle
- Wire-to-Board

View all Features

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Documentation & Additional Information

Product Drawings:
- ASSEMBLY, EUROLATCH AMP-LATCH (PDF, English)

Catalog Pages/Data Sheets:
- Ribbon Cable Interconnect Solutions (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- AMP* EUROLATCH* CONN. (PDF, English)

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version G)
- 3D Model (IGES, Version G)
- 3D Model (STEP, Version G)

Additional Information:
- Product Line Information

Additional Product Images:
- Recommended PC Board Hole Pattern

Related Products:
- Tooling
- Mating Products (8)

List all Documents

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

Product Type Features:
- Product Line = Eurocard
- Product Series = Type C
- Connector Type = Connector Assembly
- Wire/Cable Type = Ribbon Cable
- PCB Mount Retention = Without
- Size = Standard
- Make First / Break Last = No

Electrical Characteristics:
- Contact - Rated Current (A) = 1.5

Termination Features:
- Wire/Cable Size (AWG) = 26 – 30
- Wire/Cable Size (mm²) = 0.05 – 0.15
- Termination Method to Wire/Cable = IDC Discrete

Contact Features:

Configuration Features:
- Number of Rows = 3
- Number of Positions = 64
- Rows Loaded = A, C

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

Conditions for Usage:
- Applies To = Wire/Cable

Operation/Application:
- Application Use = Wire-to-Board
- Contact Transmits (Typical Application) = Signal

- Contact Type = Socket
- Contact Base Material = Phosphor Bronze

Housing Features:
- Connector Style = Receptacle
- Centerline (mm [in]) = 2.54 [0.100]
- Mating Alignment = With
- Mating Alignment Type = Polarization
- Housing Material = Glass Filled Polyester
- UL Flammability Rating = UL 94V-0

(Data)

Other:
- Brand = AMP

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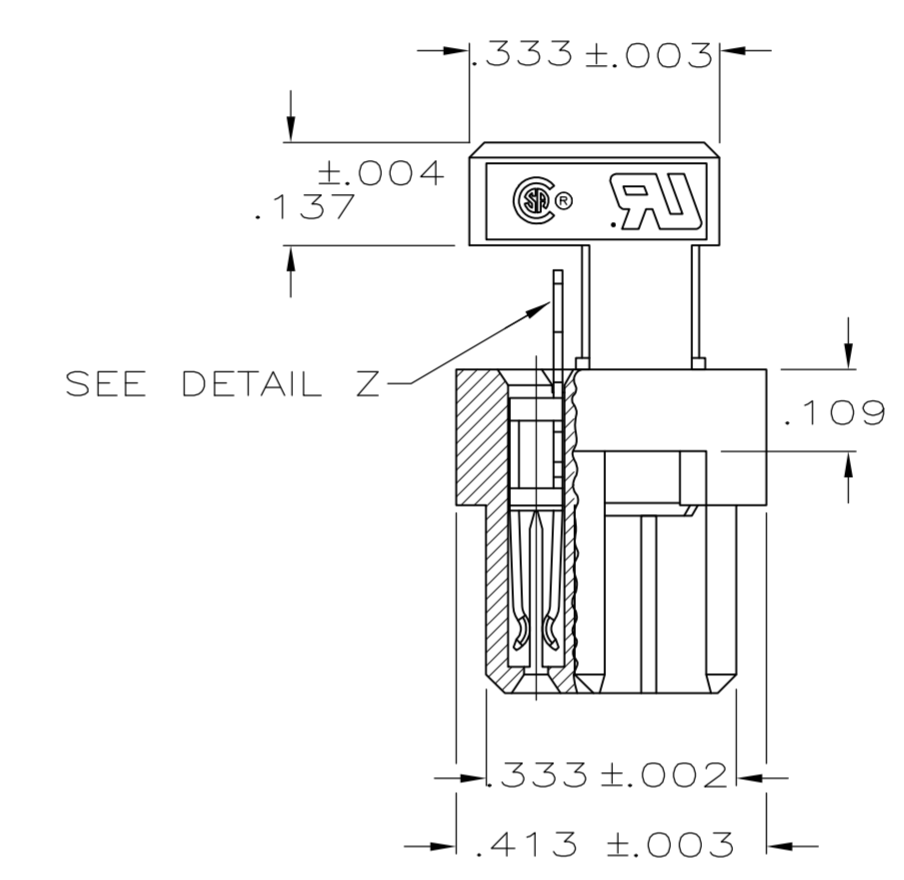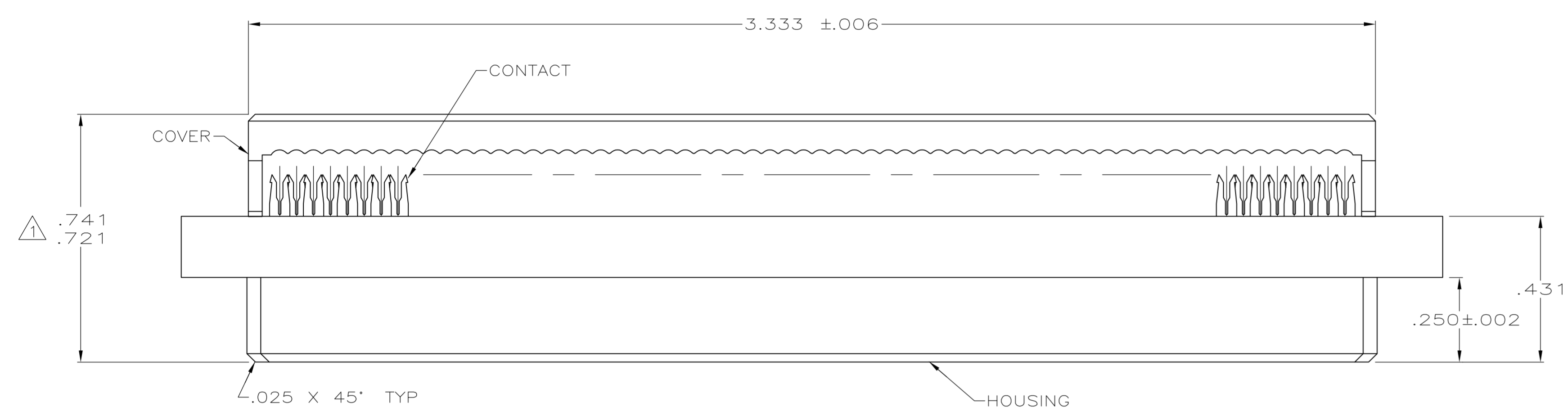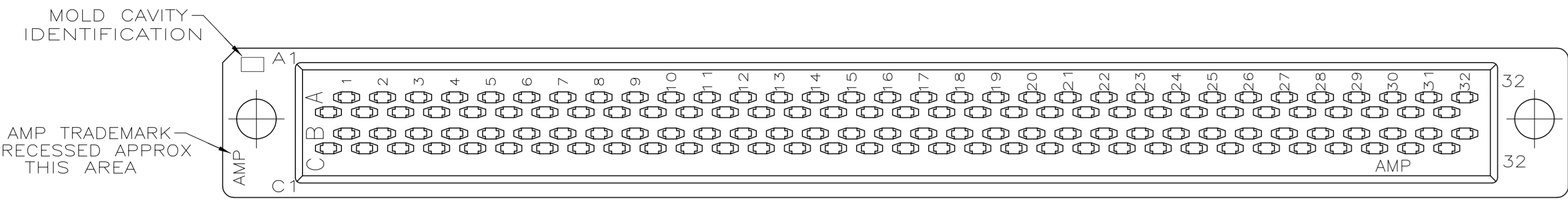
Distributor Inventory

Product Cross Reference

Documents & Drawings

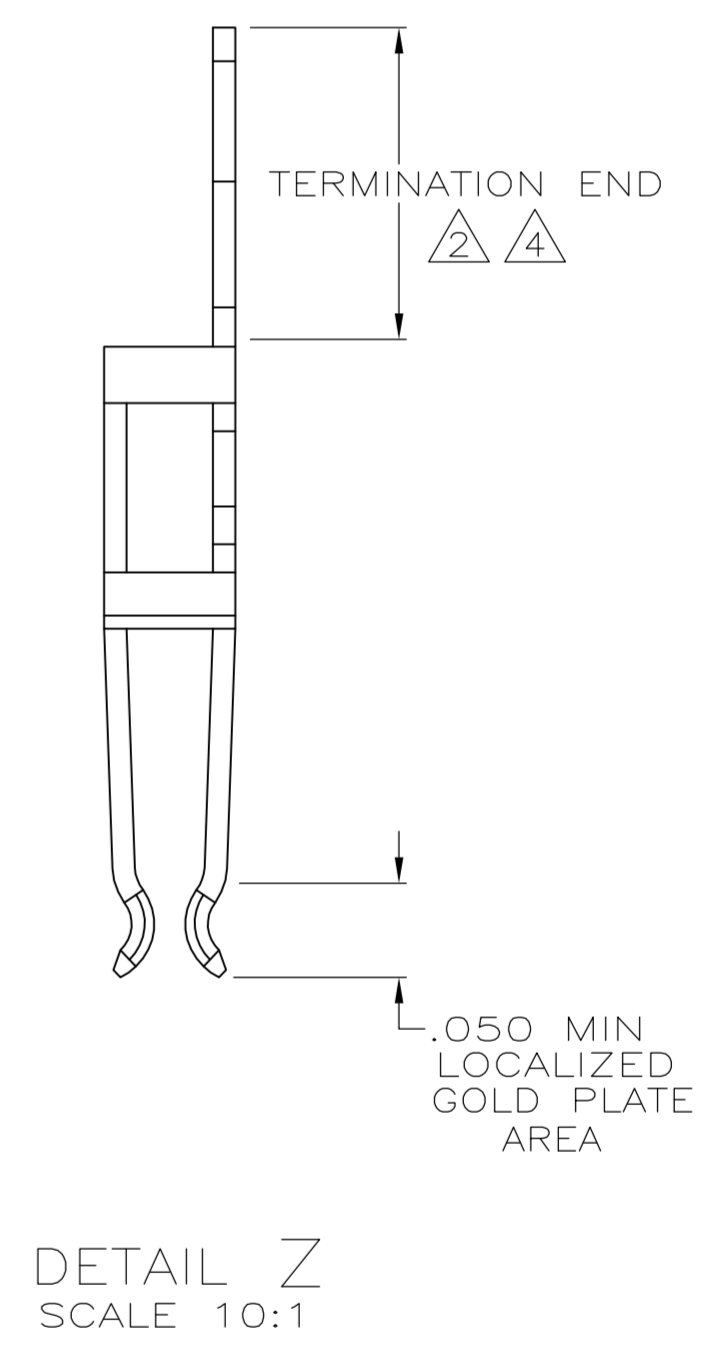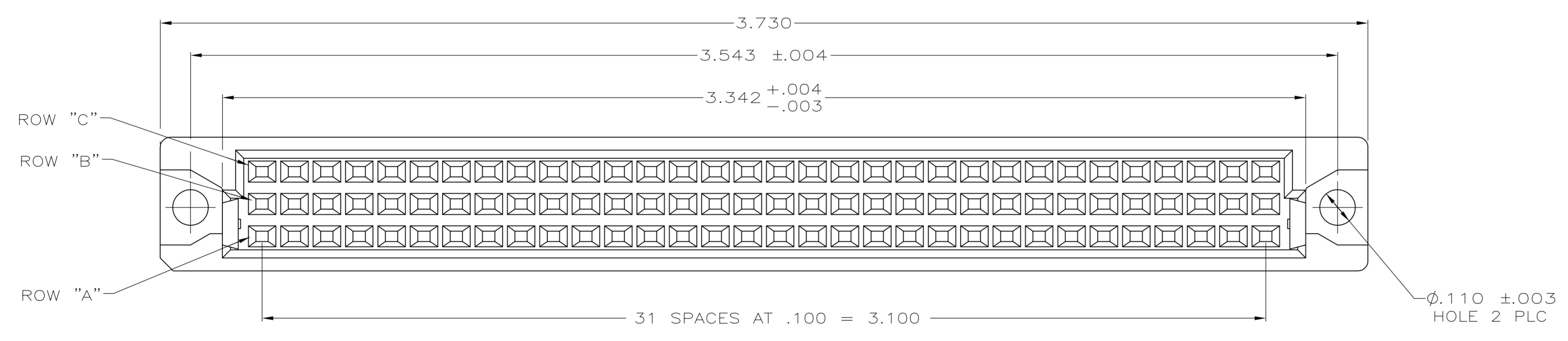Product Compliance Support Center

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED PER ECO–13–003146	06MAY2013	CJV	CWR

MOLD CAVITY IDENTIFICATION

A1

AMP TRADEMARK RECESSED APPROX THIS AREA

AMP

C B A
C1

1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 30 31 32

32

32

AMP

△1 DIMENSION EQUALS .568 WHEN FULLY TERMINATED.

△2 .000030 MIN. GOLD ON GOLD PLATE AREA, .000100 MIN. BRIGHT TIN LEAD ON TERMINATION END, ALL OVER .000050 NICKEL.

3. ASSEMBLY DESIGNED FOR #26 AND #28 AWG STRANDED CONDUCTOR AND #26, #28 AND #30 AWG SOLID CONDUCTOR RIBBON CABLE ON .050 CENTERS.

△4 .000030 MIN. GOLD ON GOLD PLATE AREA, .000100 MIN. BRIGHT TIN ON TERMINATION END, ALL OVER .000050 NICKEL.

3.333 ±.006

CONTACT

COVER

△1 .741 / .721

.431

.250±.002

.025 X 45° TYP

HOUSING

.333 ±.003

±.004 / .137

SEE DETAIL Z

.109

.333 ±.002

.413 ±.003

TERMINATION END

△2 △4

DETAIL Z
SCALE 10:1

.050 MIN LOCALIZED GOLD PLATE AREA

3.730

3.543 ±.004

3.342 +.004 / −.003

ROW "C"
ROW "B"
ROW "A"

Ø.110 ±.003
HOLE 2 PLC

31 SPACES AT .100 = 3.100

FINISH		DESCRIPTION	PART NUMBER
	△4	CONTACTS LOADED IN ROWS A & C	746603–4
OBSOLETE	△2	CONTACTS LOADED IN ROWS B & C	746603–3
OBSOLETE	△2	CONTACTS LOADED IN ROWS A & B	746603–2
OBSOLETE	△2	CONTACTS LOADED IN ROWS A & C	746603–1

DWN D. KEITZER 11–1–89
CHK –
APVD –

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± .005
4 PLC ± –
ANGLES ± 1°

PRODUCT SPEC 108–46003
APPLICATION SPEC –

NAME

≡TE TE Connectivity

ASSEMBLY, EUROLATCH AMP–LATCH
–

SIZE A1 CAGE CODE 00779 DRAWING NO C–746603 RESTRICTED TO –

MATERIAL HOUSING & COVER
FINISH CONTACTS: SEE TABLE

WEIGHT –

CUSTOMER DRAWING

SCALE 4:1 SHEET 1 OF 1 REV H

4805 (3/11)