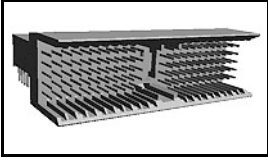


106015-1 Product Details

[Share](#) [Print](#) [Email](#)



106015-1

TE Internal Number: 106015-1

Active

[View 3D PDF](#)

2mm Hard Metric PCB Mount Connectors (Z-PACK 2mm HM)

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

Product Highlights:

- Connector
- Connector Assembly
- Connector Style = Plug
- Type = Type A
- Interface Type = 2mm HM

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(1\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) [Request Sample](#) [Find Similar Products](#)

[Buy Product](#)

Documentation & Additional Information

Product Drawings:

- [Z-PACK 2MM HM TYPE A 110 POS. RIGHT ANGLE MALE CONNE...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

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

Product Type Features:

- Product Type = Connector
- Connector Type = Connector Assembly
- [PCB Mounting Orientation](#) = Right Angle

Mechanical Attachment:

- [Board Mount](#) = Free Board
- Front Mating Level = Level 1

Termination Features:

- [Interface Type](#) = 2mm HM
- Termination End Plating = Tin-Lead over Nickel

Dimensions:

- [Module Length \(mm \[in\]\)](#) = 50.00 [1.968]

Body Features:

- [Type](#) = Type A

Housing Features:

- Connector Style = Plug
- [Mating Alignment](#) = With
- [Mating Alignment Type](#) = Guide Lugs, Multi-Purpose Center
- Housing Color = Gray
- Housing Material = Polyester - GF

Configuration Features:

- [Number of Rows](#) = 5
- [Number of Positions](#) = 110
- [Crosstalk Version](#) = Standard
- [Shielded](#) = No

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead

Contact Features:

- Contact Configuration = ACTION PIN Post, Signal
- Feedthrough Post Length (mm [in]) = 3.70 [0.145]
- CompactPCI = No
- Contact Plating, Mating Area, Material = Gold (30)
- Grounding Contact = Without
- Contact Style = Short Tail
- Contact Base Material = Phosphor Bronze

free process

- UL Flammability Rating = UL 94V-0

Other:

- Brand = AMP
- Comment = Warning: Card extender male connectors should not be used with cable connectors.

Corporate Information

[About TE](#)
[Investors](#)
[News Room](#)
[Supplier Portal](#)
[Careers](#)
[Terms & Conditions](#)
[Privacy Policy](#)
[AODA Accessibility Policy](#)
[AODA Multi-Year Accessibility Plan](#)

Quick Links

[Distributor Inventory](#)
[Product Cross Reference](#)
[Documents & Drawings](#)
[Product Compliance Support Center](#)
[Site Map](#)

Customer Support

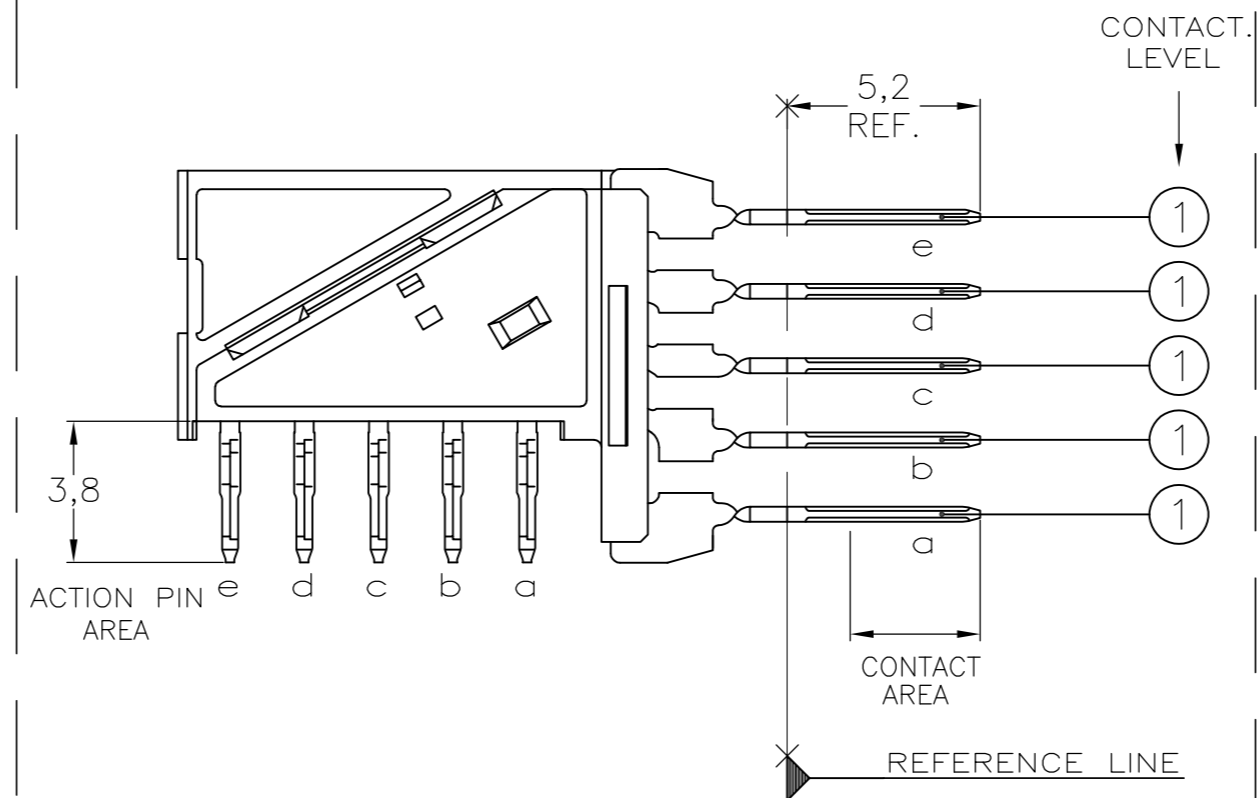
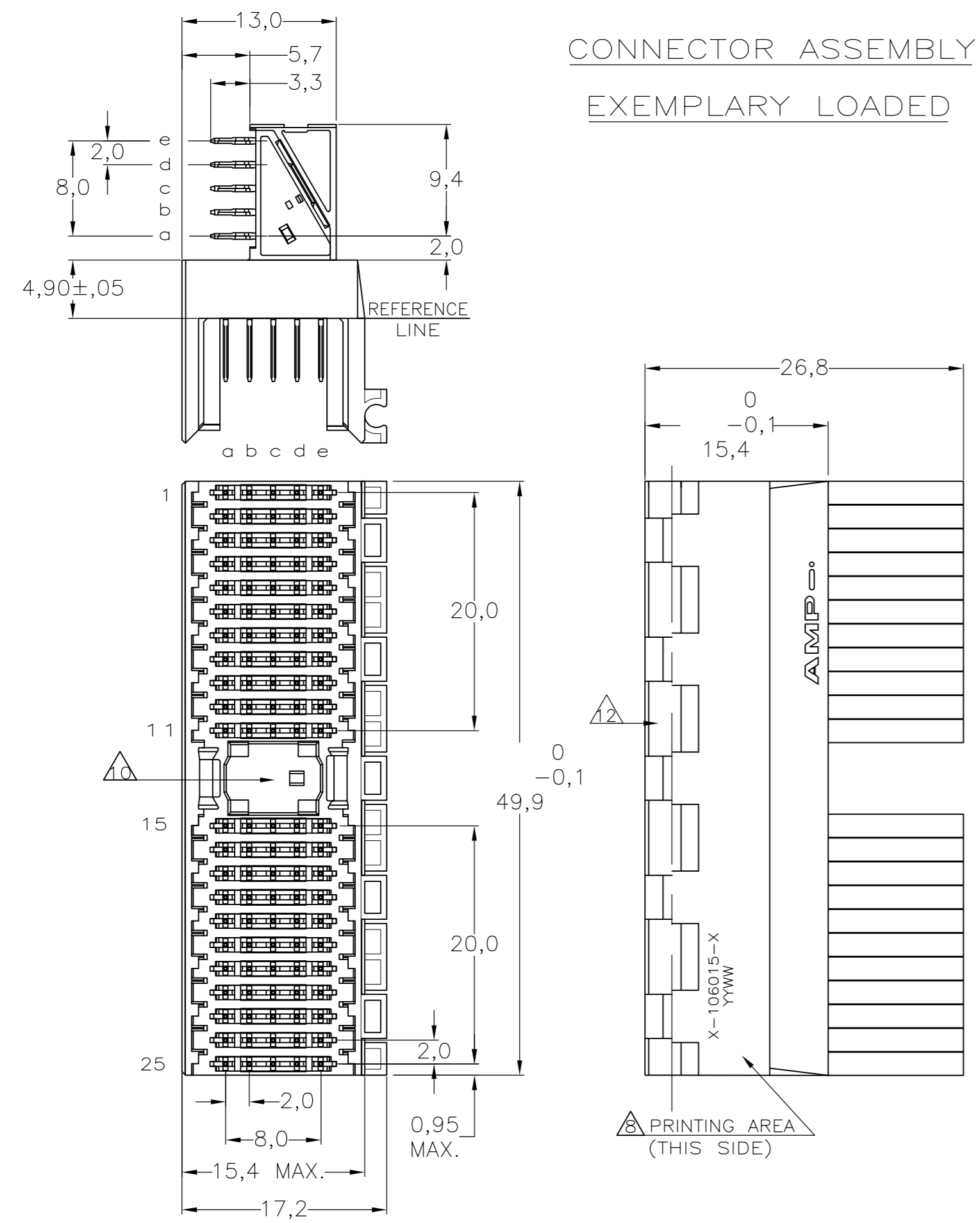
[Email or Chat With Us](#)
[Find a Phone Number](#)
[Knowledge Base](#)
[Manage Your Account](#)

Keep Me Informed

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
H	-	M4	REVISED PER ECR-11-023696	01DEC2011	A.S. M.W.

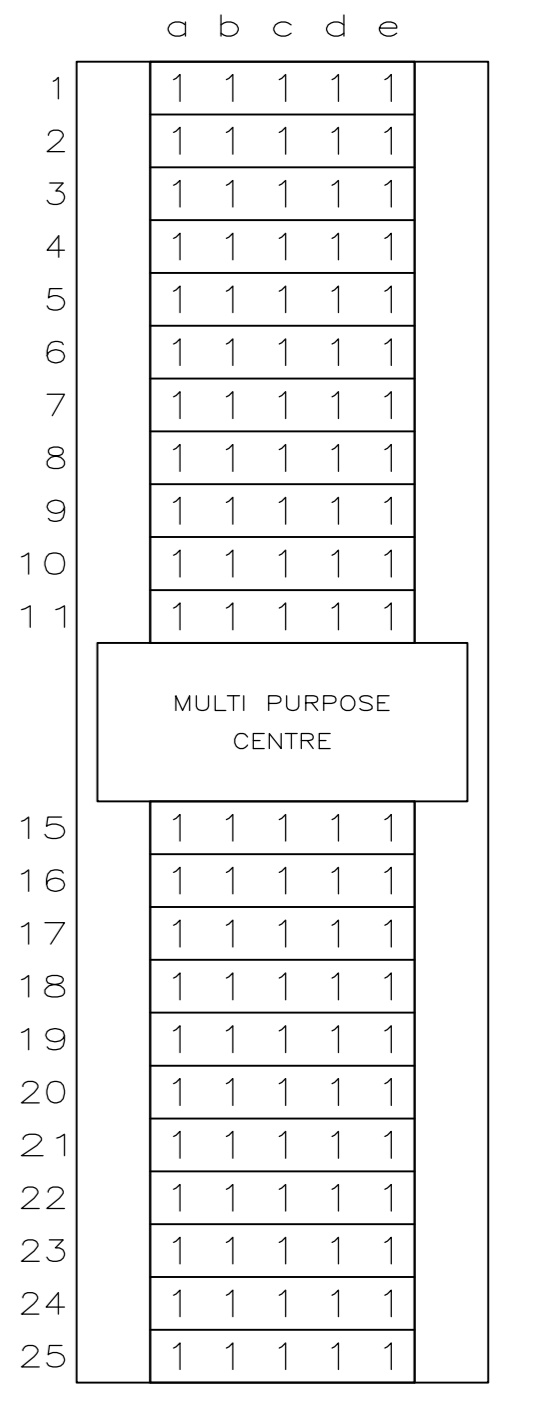
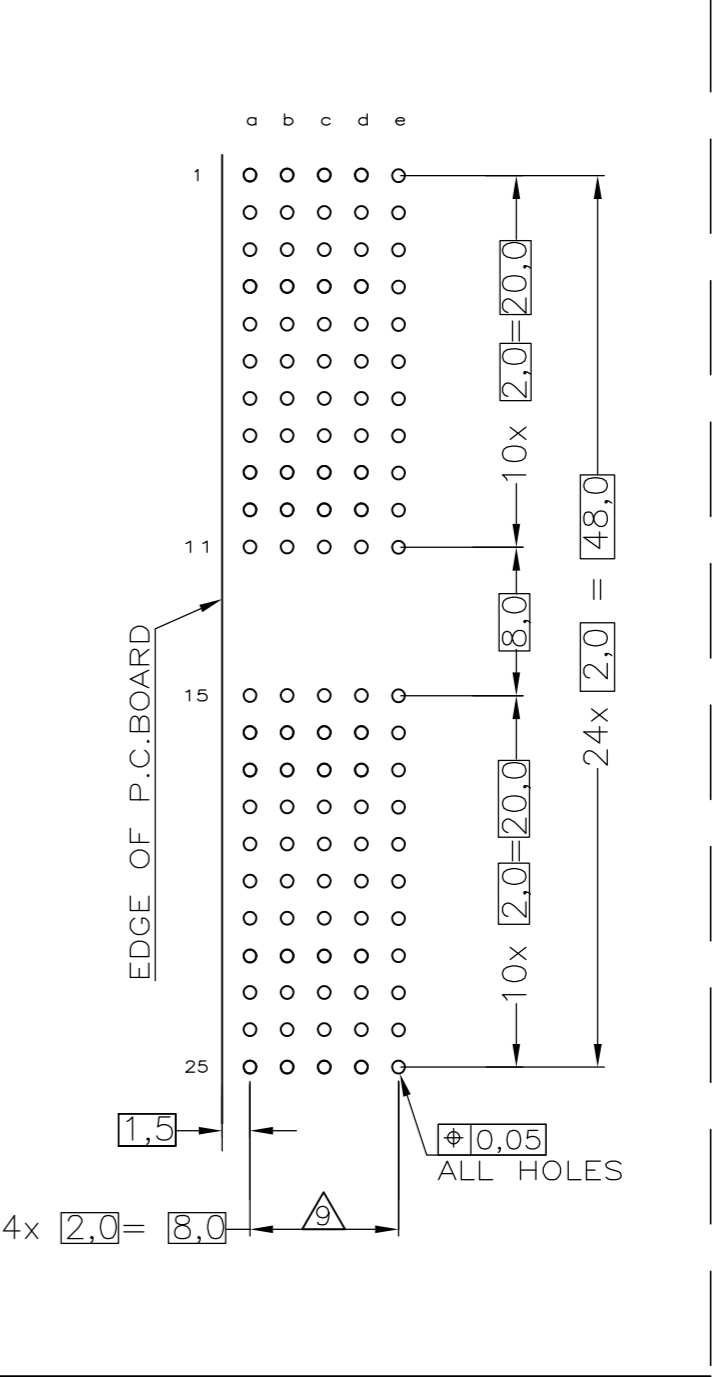
CONNECTOR ASSEMBLY EXEMPLARY LOADED

CONTACT DIMENSIONS



RECOMMENDED PCB-HOLE LAY-OUT COMPONENT SIDE SHOWN

CONTACT LAYOUT



P.C.B. HOLE DIM. ACTION PIN
FOR DETAILS SEE
APPLICATION SPECIFICATION

- NOTES:**
- 1 MATERIAL HOUSING : GREY GLASSFILLED POLYESTER
CONTACT : PHOSPHORBRONZE
 - 2 GENERAL PLATING SPECIFICATION: UNDERPLATING (ENTIRE CONTACT): 1,27µm NICKEL MIN. AND ACTION PIN: 0,5µm TIN-LEAD MIN. FOR PLATING OF MATING SURFACES SEE APPLICABLE SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
 - 3 CONFORMS TO ALL TESTING ACCORDING IEC 61076-4-101 PERFORMANCE LEVEL 2.
 - 4 CONFORMS TO ALL TESTING ACCORDING IEC 61076-4-101 PERFORMANCE LEVEL 1.
 - 5 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL III, CENTRAL OFFICE APPLICATIONS.
 - 6 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL III, UNCONTROLLED ENVIRONMENT APPLICATIONS.
 - 7 CONNECTOR LUBRICATED WITH TELCORDIA GR-1217-CORE APPROVED LUBRICANT.
 - 8 CONNECTOR MARKED WITH PARTNUMBER AND DATECODE
 - 9 PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID.
 - 10 AREA FOR KEYING PART (BASIC PART NUMBER 100525).
 - 11 CONNECTOR ASSEMBLY WITH LATCH HINGE FOR CABLE CONNECTOR.
 - 13 0.76µm MIN GOLD PLATING AT MATING SURFACES.

N	△ 3 13	3-106015-1
Y	△ 6	1-106015-9
N	△ 3	1-106015-1 △ 2
Y	△ 5	106015-9
N	△ 4	106015-4
N	△ 3	106015-1
CONSERVATION TREATMENT		MATERIAL PART NUMBER

OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L.v.d.HEIJDEN 15DEC97	TE Connectivity	
		CHK D. TRUREN 15DEC97		
DIMENSIONS: mm		APVD F.v.KONINGSBRUGGE		Z-PACK 2MM HM TYPE A 110 POS. RIGHT ANGLE MALE CONNECTOR ASSEMBLY
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.2 1 PLC ± 0.2 2 PLC ± 0.2 3 PLC ± 0.2 4 PLC ± 0.2 ANGLES ± -		PRODUCT SPEC - APPLICATION SPEC 114-19029		
MATERIAL -		WEIGHT -		SIZE A2 CAGE CODE 00779 DRAWING NO. 106015 RESTRICTED TO -
		CUSTOMER DRAWING		SCALE NTS SHEET 1 OF 1 REV M4