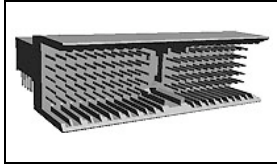


6345055-1 Product Details



6345055-1

TE Internal Number: 6345055-1



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

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

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:

- [Z-PACK 2mm HM Interconnection System for Board-to-Bo...](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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](#) = Fixed Board
- Front Mating Level = Level 2

Electrical Characteristics:

- [Shielded](#) = No

Termination Features:

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

Dimensions:

- Module Length (mm [in]) = 49.90 [1.966]

Body Features:

- [Type](#) = Type A

Contact Features:

- [Contact Configuration](#) = Signal
- [Feedthrough Post Length \(mm \[in\]\)](#) = 3.80 [0.150]
- [CompactPCI](#) = No
- [Contact Plating, Mating Area, Material](#) = Performance-Based
- [Grounding Contact](#) = Without
- Contact Style = Short Tail
- Contact Base Material = Phosphor Bronze

Housing Features:

- Connector Style = Plug
- [Mating Alignment](#) = With
- [Mating Alignment Type](#) = Multi-Purpose Center
- Housing Color = Gray
- Housing Material = Polyester GF
- UL Flammability Rating = UL 94V-0

Configuration Features:

- [Number of Rows](#) = 5
- [Number of Positions](#) = 110
- [Crosstalk Version](#) = Standard

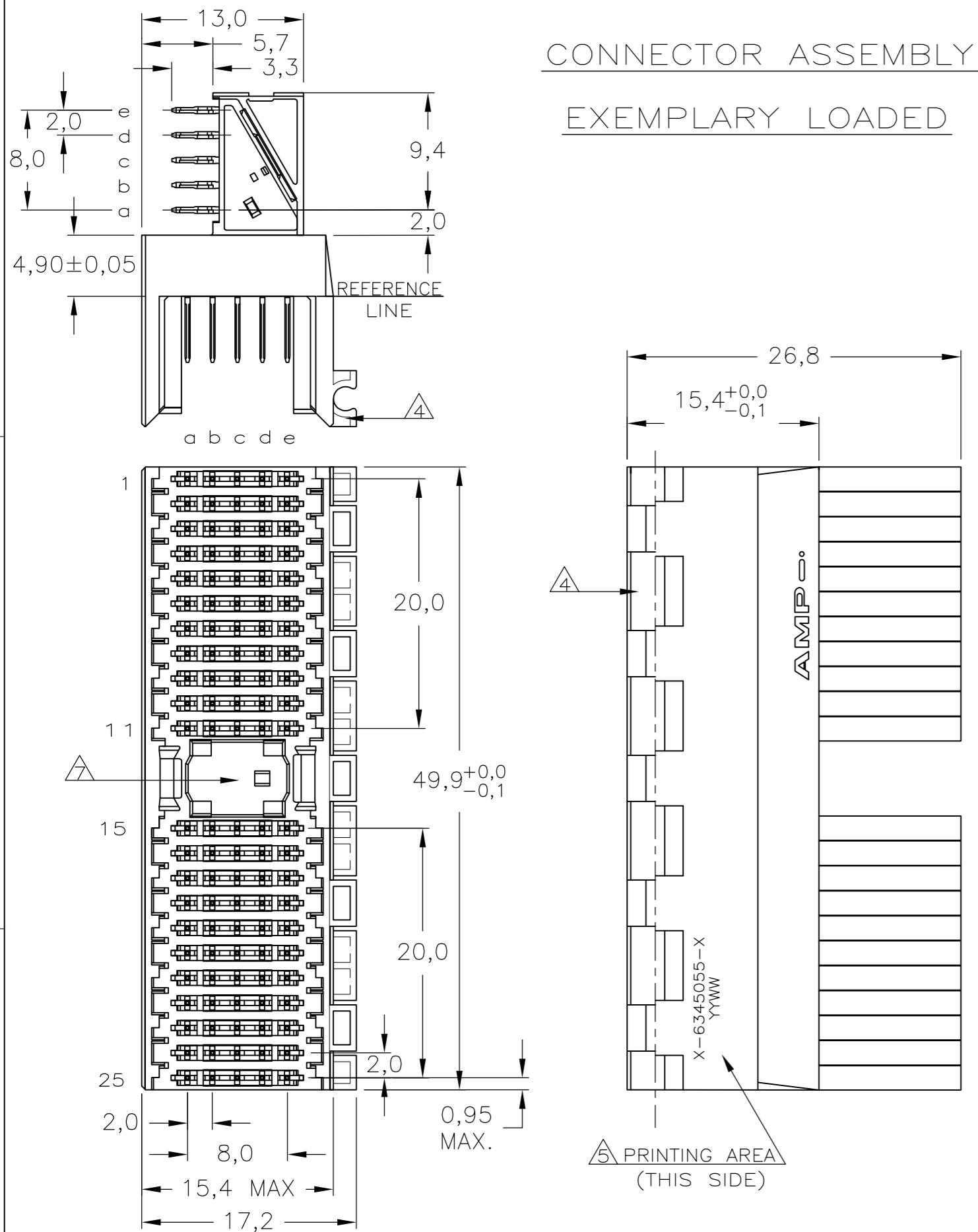
Industry Standards:

- [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:

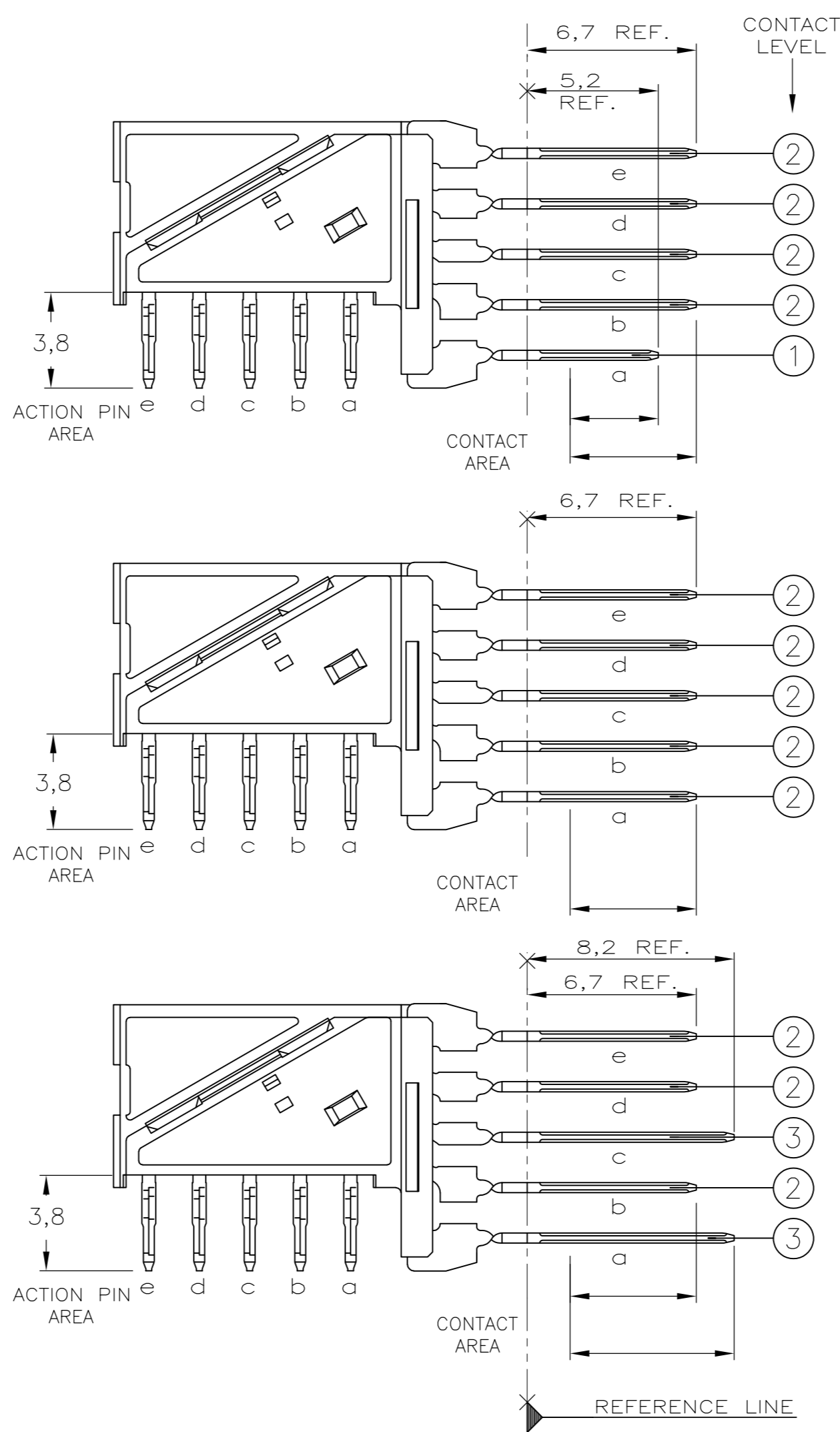
- Brand = TE Connectivity

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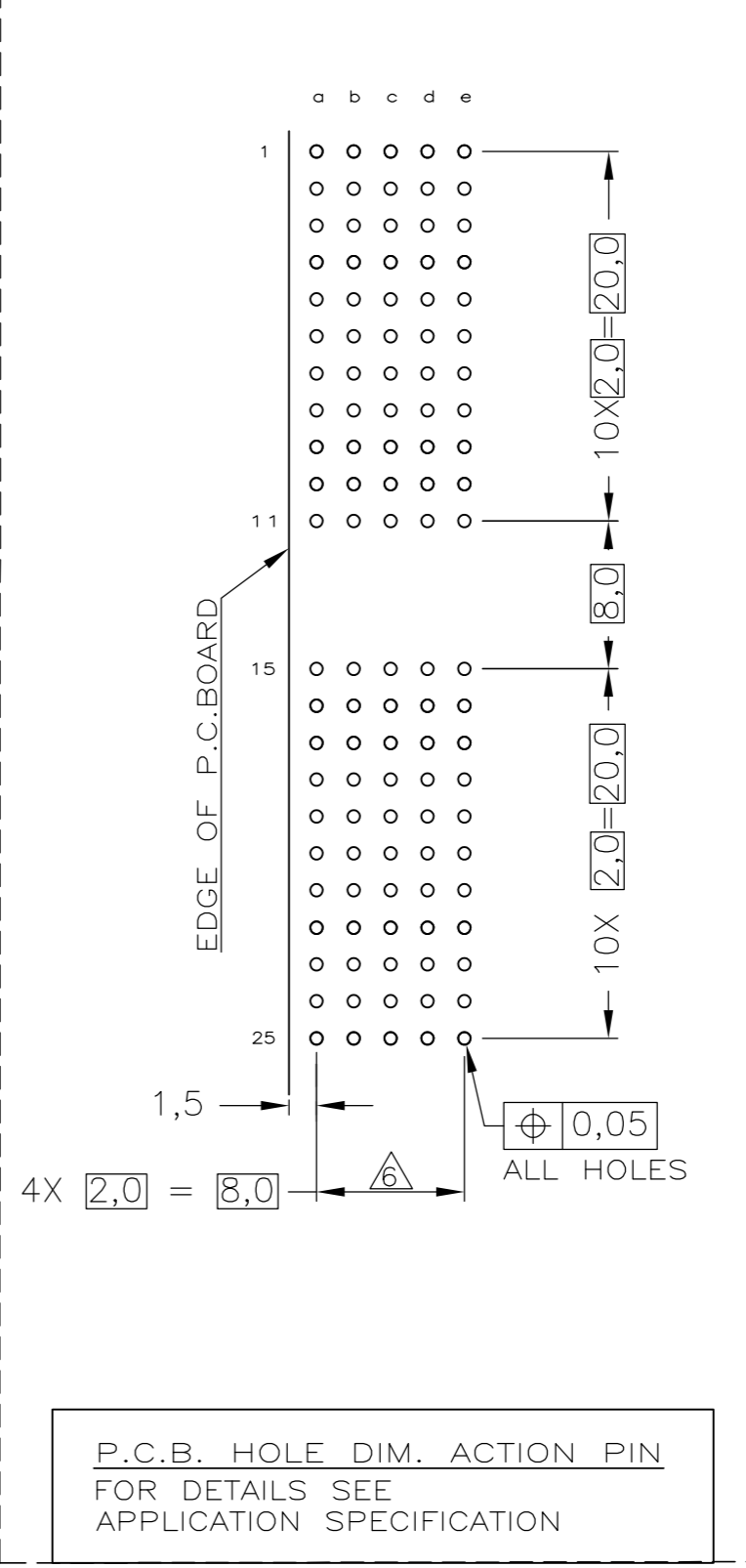
- NOTES:
- 1 MATERIAL HOUSING : GREY GLASSFILLED POLYESTER UL-RATING Ø
 - CONTACT : PHOSPHORBRONZE
 - △ GENERAL PLATING SPECIFICATION: UNDERPLATING (ENTIRE CONTACT): 1,27µm NICKEL MIN. AND ACTION PIN: 0,5µm TIN MIN. FOR PLATING OF MATING SURFACES SEE APPLICABLE SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
 - △ CONFORMS TO ALL TESTING ACCORDING IEC 61076-4-101 PERFORMANCE LEVEL 2.
 - △ CONNECTOR ASSEMBLY WITH LATCH HINGE FOR CABLE CONNECTOR.
 - △ CONNECTOR PRINTED WITH PARTNUMBER AND DATECODE
 - △ PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID.
 - △ AREA FOR KEYING PART (BASIC PART NUMBER 100525).

CONTACT DIMENSIONS



LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
H	-	B	EH10-0680-05	01JUN05	BSV	BM
		C	ECR-10-01B652	10SEP10	JS	MQW

RECOMMENDED PCB-HOLE LAY-OUT
 COMPONENT SIDE SHOWN



CONTACT LAYOUT

	a	b	c	d	e
1	1	2	2	2	2
2	2	2	2	2	2
3	2	2	2	2	2
4	2	2	2	2	2
5	2	2	2	2	2
6	2	2	2	2	2
7	2	2	2	2	2
8	2	2	2	2	2
9	2	2	2	2	2
10	2	2	2	2	2
11	2	2	2	2	2
MULTI PURPOSE CENTRE					
15	3	2	3	2	2
16	2	2	2	2	2
17	2	2	2	2	2
18	2	2	2	2	2
19	2	2	2	2	2
20	2	2	2	2	2
21	2	2	2	2	2
22	2	2	2	2	2
23	2	2	2	2	2
24	2	2	2	2	2
25	2	2	2	2	2

6345055

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K.N.KIRAN 25AUG2004	Tyco Electronics Corporation s-Hertogenbosch,5222AR-32	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ± 2-PLC ± ±0.2 3-PLC ± 4-PLC ± ANGLES ± FINISH	CHK B.MOOIJ 22DEC2004	NAME B.MOOIJ PRODUCT SPEC 108-19082 APPLICATION SPEC 114-19029	SIZE A2
MATERIAL		APVD B.MOOIJ 22DEC2004	WEIGHT -	CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C=6345055
		SCALE 5:1		SHEET 1 OF 1
		REV C		