



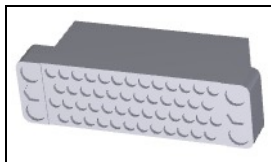
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201358-3 Product Details

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201358-3

TE Internal Number: 201358-3

Active

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M Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Product Series = M Series
- Connector
- Cable-to-Cable / Cable-to-Panel
- Applies To Panel, Applies To Wire/Cable
- Housing

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • BLOCK, MALE, 50 POSN, MINIATURE RECTANGULAR, M SERIES (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • M_SERIES_PIN_AND_SOCKET_CONNECTORS (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • AMP* 20 HVC, 34 AND 50 POSITION SERIES "M" CONNECTOR (PDF, English) • LATCHING SHIELD AND PIN HOOD FOR 50 POSITION "M" S... (PDF, English) <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version T) • 3D Model (IGES, Version T) • 3D Model (STEP, Version T) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Series = M Series • Product Type = Connector • Connector Type = Housing • Sealed = No <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Mating Retention Type = Jackscrew(s) • Panel Mount Retention = With • Panel Mount Retention Type = Screw Mount <p>Dimensions:</p> <ul style="list-style-type: none"> • Length (X-Axis) (mm [in]) = 23.24 [0.915] • Width (Z-Axis) (mm [in]) = 19.05 [0.750] • Profile Height (Y-Axis) (mm [in]) = 65.91 [2.595] <p>Body Features:</p> <ul style="list-style-type: none"> • Mating Retention = With <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug • Centerline (mm [in]) = 4.57 [0.180] • Housing Material = Diallyl Phthalate • Housing Color = Blue 	<p>Configuration Features:</p> <ul style="list-style-type: none"> • Number of Positions = 50 • Strain Relief = Without <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C • RoHS/ELV Compliance History = Always was RoHS compliant <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -65 - +125 [-85 - +257] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Panel, Wire/Cable • For Use With = Female Block 200277 <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application Use = Cable-to-Cable / Cable-to-Panel <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Box/Carton • Packaging Quantity = 70 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP • Comment = Pins and/or sockets may be used in any housing.; Housing accepts type II, type III+ and Subminiature Coaxicon

- Mating Alignment = With
- Mating Alignment Type = Guide Hole
- UL Flammability Rating = UL 94V-0

contacts.; Housing cavity identification are mirror image.

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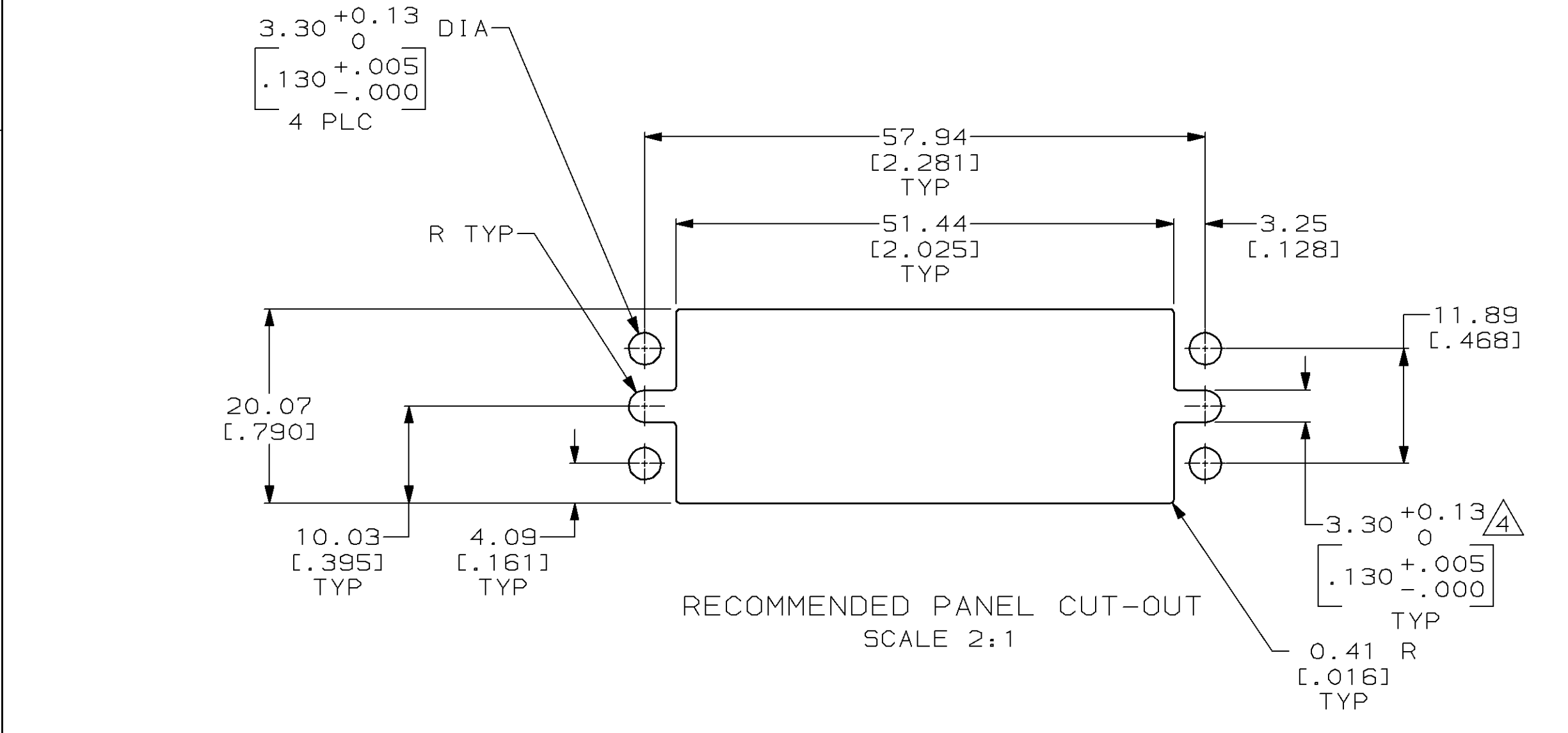
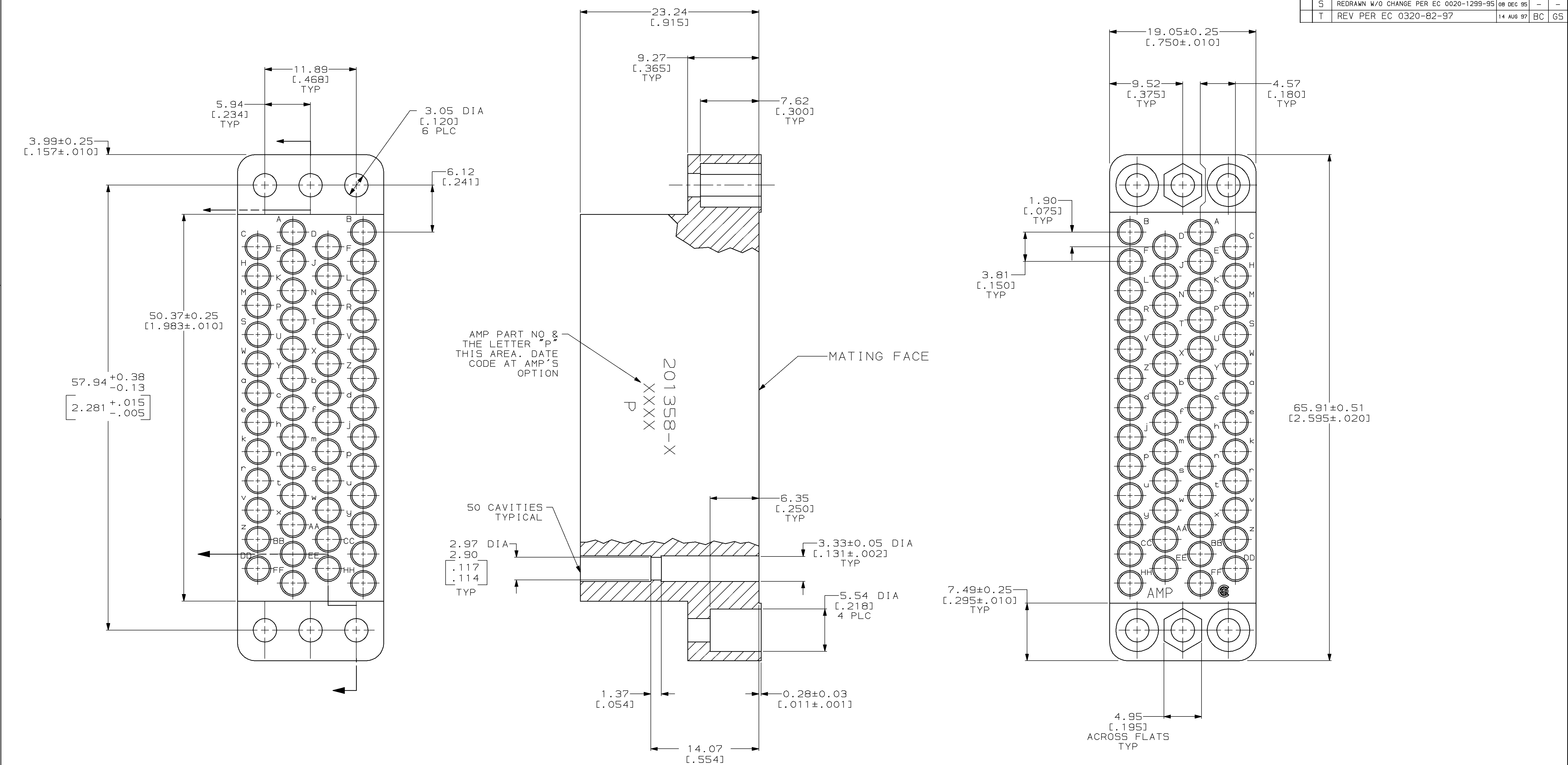
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LOC		DIST		REVISIONS			
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S		REDRAWN W/O CHANGE PER EC 0020-1299-95	08 DEC 95	-	-		
T		REV PER EC 0320-82-97	14 AUG 97	BC	GS		



- 1 PHENOLIC PER MIL-M-14, TYPE CFG, BLACK.
- 2 DIALLYL PHTHALATE PER MIL-M-14, TYPE SDG-F, BLUE.
- 3. MATES WITH BLOCK 200277 AND ACCOMODATES TYPE II OR TYPE III #16 PIN OR SOCKET CONTACTS.
- 4 5.54^{+0.13}₀ [0.218^{±.005}_{-.000}] WHEN USING JACKSCREWS.

MATERIAL	201358-3
	201358-1
PART NUMBER	

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP TECHNOLOGIES. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHALL BE CONTACTED FOR THE LATEST REVISION.</small>		DWN C. REIFSNYDER 13 MAR 96	AMP Incorporated Harrisburg, PA 17105-3508
DIMENSIONS: mm (INCHES)	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.13 (.005) 3 PLC ± 4 PLC ± ANGLES ±	NAME G.A. STEINHAUER 24 JUN 96 PRODUCT SPEC APPLICATION SPEC	AMP BLOCK, MALE, 50 POSN, MINIATURE RECTANGULAR, M SERIES
MATERIAL	SEE TABLE	WEIGHT	SCALE 4:1
CUSTOMER DRAWING		SIZE A1	DRAWING NO. 00779
		SHEET 1 OF 1	REV T