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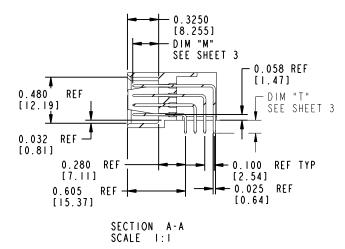
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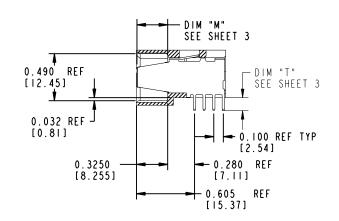
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SECTION B-B SCALE I:I

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SECTION I-I	[4.06]

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PRODUCT NUMBER SEE TABLE

ITEM NO.	QTY		"M" LENGTH OIO	TAIL	"T" LENGTH 020	CONTACT TYPE
PA	2	N/A	[N/A]	0.135	[3.43]	POWER
F	_	0.220	[5.59]	0.135	[3.43]	SIGNAL
R	6	0.270	[6.86]	0.135	[3.43]	SIGNAL
S	5	0.270	[6.86]	0.135	[3.43]	SIGNAL
T	6	0.270	[6.86]	0.135	[3.43]	SIGNAL
U	6	0.270	[6.86]	0.135	[3.43]	SIGNAL

EI PI I 2 3 4 5 6 P2 E2 51415-001 B A PA SSSFSS PA RRRRR	PRODUCT No.	ROWS		POWER		Ş١	GN	AL		POWER	
NOTE(3) B PA SSSIFSS PA	PRODUCT NO.	KOW3	ΕI	PI	-	2 3	4	5	6	P2	E2
	51415-001 NOTE3	C B		PA				U S R		PA	

ITEM NO.	QTY		"M" LENGTH 010		"T" LENGTH 020	CONTACT TYPE
PA	2	N/A	[N/A]	0.135	[3.43]	POWER
E	6	0.220	[5.59]	0.135	[3.43]	SIGNAL
F	5	0.220	[5.59]	0.135	[3.43]	SIGNAL
G	6	0.220	[5.59]	0.135	[3.43]	SIGNAL
Н	6	0.220	[5.59]	0.135	[3.43]	SIGNAL
S	I	0.270	[6.86]	0.135	[3.43]	SIGNAL

PRODUCT No.	ROWS		POWER		S I	GN	ΑL		POWER	
PRODUCT NO.	KOW3	ΕI	PΙ	1 2	3	4	5	6	P2	E2
51415-002 NOTE(3)	D C B A		PA	H H G G F F E E	H G F E	H G S E	HGHH	H G F	PA	

1							
	ITEM NO.	QTY	LEN	"M" ING GTH 010	LEN	"T" NIL NGTH 020	CONTACT TYPE
	PA	2	N/A	[N/A]	0.135	[3.43]	POWER
	F		0.220	[5.59]	0.135	[3.43]	SIGNAL
	R	6	0.270	[6.86]	0.135	[3.43]	SIGNAL
	S	5	0.270	[6.86]	0.135	[3.43]	SIGNAL
	T	6	0.270	[6.86]	0.135	[3.43]	SIGNAL
	U	6	0.270	[6.86]	0.135	[3.43]	SIGNAL

PRODUCT No.	ROWS		POWER		;	S I (GN	ΑL		POWER	
PRODUCT NO.	ROWS	ΕI	PI	ı	2	3	4	5	6	P2	E 2
51415-003 NOTE(3)	D C B A		PA	UTSR	U S R	U S R	U T F R	U S R	U T S R	PA	

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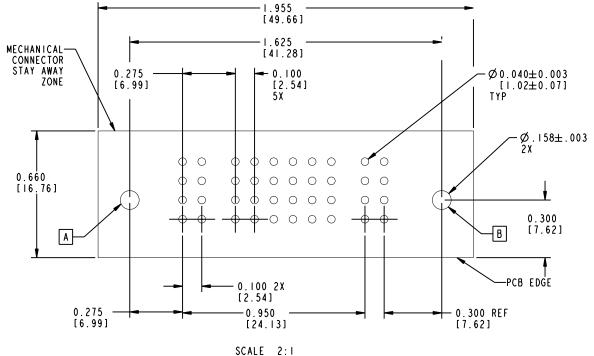
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1|2 3 | PRODUCT NUMBER 51415-00X__ NOTE3 ·1.955 [49.66]



RECOMMENDED PCB LAYOUT

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PRODUCT NUMBER

51415-00X__ NOTE(3)

NOTES:

I. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME YI4.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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CONNECTOR NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC POWER CONTACT MATERIAL: COPPER ALLOY SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING(51415-00X STAND FOR 51415-001 , 51415-002 AND 51415-003) 51415-00X Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.

AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

Power Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA, AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51415-00XLF Singal Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA. AND 78u"/2.00um Sn PLATING OVER 50u"/I.27um Ni ON THE TERMINATION SECTION. Power Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA, AND 78u"/2.00um Sn PLATING OVER 50u"/I.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51415-00XLF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

- 4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
- PRODUCT SPECIFICATION GS-12-149. APPLICATION SPECIFICATION BUS-20-067.

PCB NOTES:

- 6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- 8. $\emptyset.0453\pm0.0010$ [1.151 ±0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE Ø.040±.003 [1.02±.07] HOLE.

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- 9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- IO. CONNECTOR KEEP-OUT ZONE.

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