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REVISION HISTORY															
LTR	DESCRIPTION				DWN	CHK	STRUCT	MATL	THRM CONT			ENGR	DSGN SUPV	DATA MGT	RELEASE DATE
A	INITIAL RELEASE				CLASS E	SEE TITLE BLOCK									

8. LEGEND ON TOP SIDE OF PWB USING HYSOL M-SERIES/CATALYST 20/A BLACK EPOXY INK.
7. ALL HOLES SPECIFIED IN DRILL CHART ARE FINISHED HOLE DIAMETERS.
HOLE TOLERANCE IS AS INDICATED.
6. ALL HOLES NON-PLATED THRU.
5. BOARD THICKNESS: 3.175mm +/-0.23mm.
4. FABRICATE AND INSPECT PER IPC-6011
3. MATERIAL: UNCLAD 3.175mm THICK FR-4 LAMINATE O21-3175**/**BA PER IPC-4101C/21
2. ALL UNTOLERANCED DIMENSIONS ARE BASIC.
1. THIS DATABASE IS THE SOURCE FOR ALL FABRICATION OUTPUT FILES
ARCHIVED IN MASTER ARTWORK DATABASE M1S-100-01229. ALL MODIFICATIONS
TO THE MASTER ARTWORK SHALL BE PERFORMED HERE.

NOTES: UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT HAS BEEN REVIEWED AND DETERMINED NOT TO CONTAIN EXPORT CONTROLLED TECHNICAL DATA.

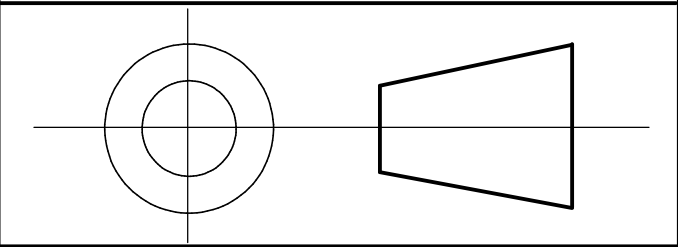
M1S-100-01215	TMT
NEXT ASSEMBLY	USED ON

APPLICATION

MATERIAL:

MATERIAL PER SPECIFICATION

THIRD ANGLE PROJECTION



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS

LINEAR TOLERANCES:
0 to 6 ± 0.1
OVER 6 to 30 ± 0.2
OVER 30 to 120 ± 0.3
OVER 120 to 315 ± 0.3
ANGULAR TOLERANCES: ± 0.5

MACHINE FINISH ✓

DO NOT SCALE DRAWING
INTERPRET DWG PER ASME Y14.100M

CONTRACT NO	
APPD	DATE
DWN D. Palmer	07/17/2013
CHK	
STRUCT	
MATL	
THRM CONT	
ENGR	
DSGN SUPV	

TMT Observatory Corporation
www.tmt.org

TMT STRAIN GAUGE PCB SPACER
PWB FABRICATION

SIZE	CAGE CODE		REV
A	6PAL4	M1S-100-01229	A
SCALE:	1/1	UNCLASSIFIED	SHEET 1 OF 5

TABLE A / ARTWORK FILE DESIGNATION

SH NO.	FILE:	LOGICAL LAYER	PHYSICAL LAYER	DESCRIPTION
4	M1S-100-01229.GTO	-	OUTER LAYER	TOP OVERLAY
5	M1S-100-01229.GD1	-	DRILL SYMBOLS	DRILL DRAWING

TABLE B / APERTURE SIZES

SH NO.	FILE:	APERTURE TYPE	EMBEDDED D-CODE
4	M1S-100-01229.GTO	RS274-X STANDARD	YES
5	M1S-100-01229.GD1	RS274-X STANDARD	YES

JPL DRAWING NO 10364580-A

A	CAGE CODE		M1S-100-01229	REV A
	6PAL4			
SCALE: 1/1		UNCLASSIFIED	SHEET 3 OF 5	

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M1S-100-01229 Rev A
S/N

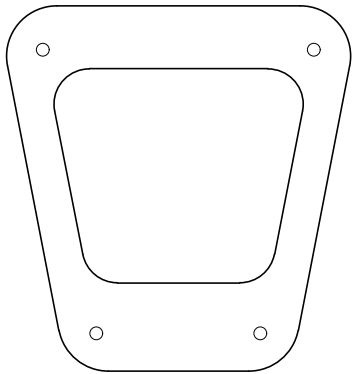
SILKSCREEN — SIDE A

tmt_strain_gauge_pcb_spacer.PcbDoc
Top Overlay
Jet Propulsion Laboratory
4800 Oak Grove Drive
Pasadena CA. 91190

JPL DRAWING NO 10364580-A

A	CAGE CODE		M1S-100-01229	REV A
	6PAL4			
SCALE: 1/1		UNCLASSIFIED	SHEET 4 OF 5	

THIS DOCUMENT HAS BEEN REVIEWED AND DETERMINED NOT TO CONTAIN EXPORT CONTROLLED TECHNICAL DATA.



DRILL DRAWING

tmt_strain_gauge_pcb_spacer.PcbDoc
Drill Drawing
Jet Propulsion Laboratory
4800 Oak Grove Drive
Pasadena CA. 91190

Symbol	Hit Count	Tool Size	Plated	Hole Type
○	4	2.4mm (94.488mil)	NPTH	Round
	4 Total			

JPL DRAWING NO 10364580-A

A	CAGE CODE		M1S-100-01229	REV A
	6PAL4			
SCALE: 1/1		UNCLASSIFIED	SHEET 5 OF 5	

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