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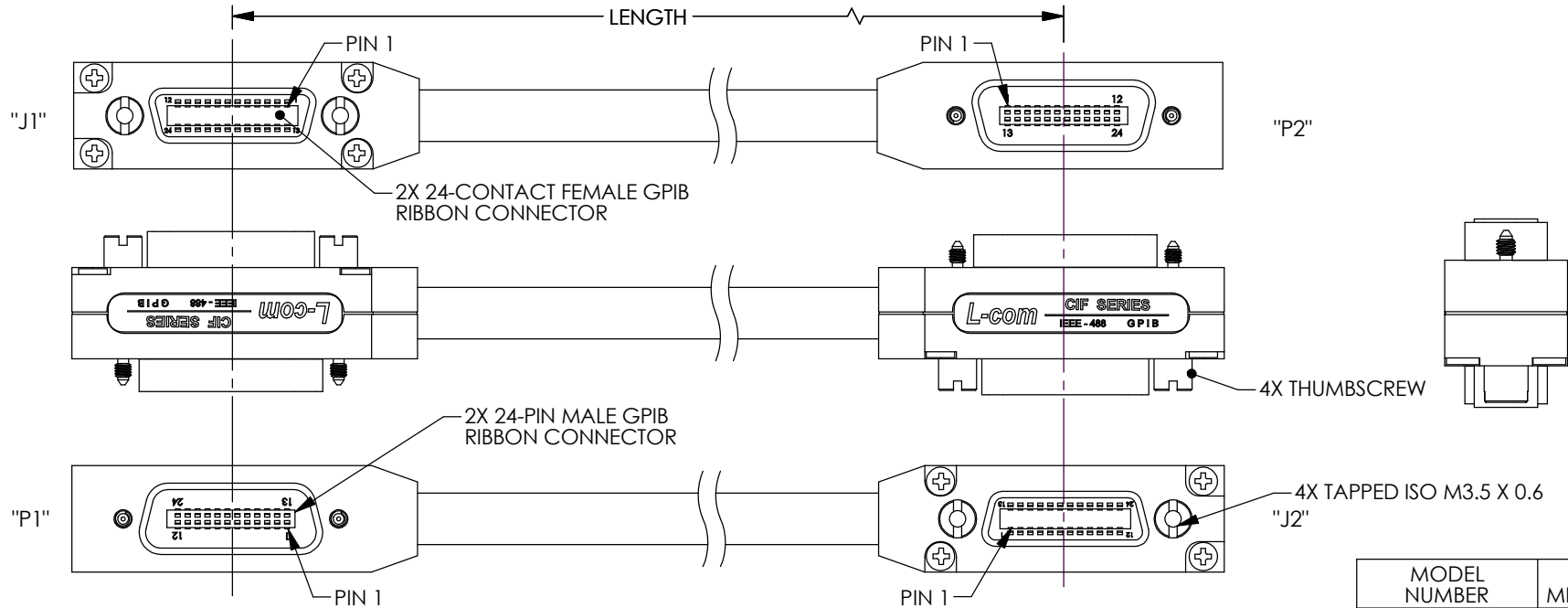
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MGPA00005

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/01/17	J.YOU



SPECIFICATIONS:

MEETS REQUIREMENTS OF ANSI/IEEE STD 488.1-1987.

MATERIALS:

CABLE: U.L. STYLE 2464, TWELVE TWISTED PAIRS 26AWG STRANDED COPPER, FOUR DATA PAIRS WITHIN ALUMINIZED POLYESTER FOIL SHIELD WITH DRAIN WIRE, PLUS EIGHT CONTROL PAIRS. OVERALL DOUBLE SHIELD ALUMINIZED POLYESTER FOIL PLUS BRAIDED COPPER SHIELD WITH DRAIN WIRE, GRAY PVC JACKET.
 CONNECTOR HOUSINGS: DIE-CAST ALUMINUM ALLOY, NICKEL PLATED.
 CONNECTOR INSULATORS: GLASS-FILLED PBT (BLUE), UL94V-0
 CONNECTOR CONTACTS: COPPER ALLOY, 30 MICROINCHES GOLD OVER NICKEL
 CONNECTOR SHELL: DIE-CAST ALLOY, NICKEL PLATED
 THUMBSCREWS: STEEL, BLACK OXIDE FINISH

ENVIRONMENTAL:

OPERATING TEMPERATURE RANGE: -20°C TO + 80°C

MISCELLANEOUS:

SEE SHEET 2 FOR WIRE MAP
 CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
 CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH SPECIFICATION PS-0054.

REGULATORY COMPLIANCE:

CE2011/65/EU (RoHS DIRECTIVE)

MODEL NUMBER	LENGTH METERS [FEET]
MGPA00005-03M	0.33 [1.08]
MGPA00005-05M	0.50 [1.64]
MGPA00005-1M	1.0 [3.28]
MGPA00005-2M	2.0 [6.56]
MGPA00005-3M	3.0 [9.84]
MGPA00005-4M	4.0 [13.12]
MGPA00005-5M	5.0 [16.40]
MGPA00005-6M	6.0 [19.68]
MGPA00005-8M	8.0 [26.24]

NON CONTROLLED DRAWING IF PRINTED

AS9100C CERTIFIED			CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY			
DASH	NEXT ASSY	USED ON	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES	SIGNATURE	DATE	 MILESTEK CORPORATION 1506 INTERSTATE 35 WEST DENTON, TX 76207 PHONE: 866.524.1553 FAX: 940.591.7086
			OVERALL CABLE LENGTH TOLERANCE: ≤ 12 [305] = +1 [25] / -0 > 12 [305] ≤ 60 [1524] = +2 [51] / -0 > 60 [1524] ≤ 120 [3048] = +4 [102] / -0 > 120 [3048] ≤ 300 [7620] = +6 [152] / -0 > 300 [7620] = +5% / -0% ALL OTHER DIMENSIONAL TOLERANCES: $.X = \pm 2$ [508] $.XX = \pm .02$ [51] $.XXX = \pm .005$ [13]	DRAWN BY: J.YOU 06/01/17 CHECKED BY: Brian G. 06/01/17 APPROVED ENGINEERING: S.PAN 06/01/17 APPROVED MANUFACTURING: CUSTOMER APPROVAL CUSTOMER REFERENCE DOCUMENT: CAGE CODE: 42977	TITLE CABLE, DLX GPIB NORM SIZE A DRAWING NUMBER: MGPA00005 SCALE: NTS SHEET 1 OF 2	
			APPLICATION			

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WIRING MAP			
PAIR NUMBER	J1/P1	J2/P2	FUNCTION
DATA GROUP IN INNER SHIELD			
1	1	1	DATA LINE DI01
	14	14	DATA LINE DI06
2	2	2	DATA LINE DI02
	3	3	DATA LINE DI03
3	4	4	DATA LINE DI04
	13	13	DATA LINE DI05
4	15	15	DATA LINE DI07
	16	16	DATA LINE DI08
CONTROL GROUP BETWEEN INNER AND OVERALL SHIELDS			
5	5	5	EOI
	24	24	EOI RETURN
6	6	6	DAV
	18	18	DAV RETURN
7	7	7	NRFD
	19	19	NRDF RETURN
8	8	8	NDAC
	20	20	NDAC RETURN
9	9	9	IFC
	21	21	IFC RETURN
10	10	10	SRQ
	22	22	SRQ RETURN
11	11	11	ATN
	23	23	ATN RETURN
12	17	17	REN
	24	24	REN RETURN
INNER SHIELD	24	24	INNER SHIELD
OVERALL SHIELD	12 & SHELL	12 & SHELL	OVERALL SHIELD

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TITLE CABLE, DLX GPIB NORM			
SIZE A	DRAWING NUMBER: MGPA00005		
SCALE: NTS			SHEET 2 OF 2

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