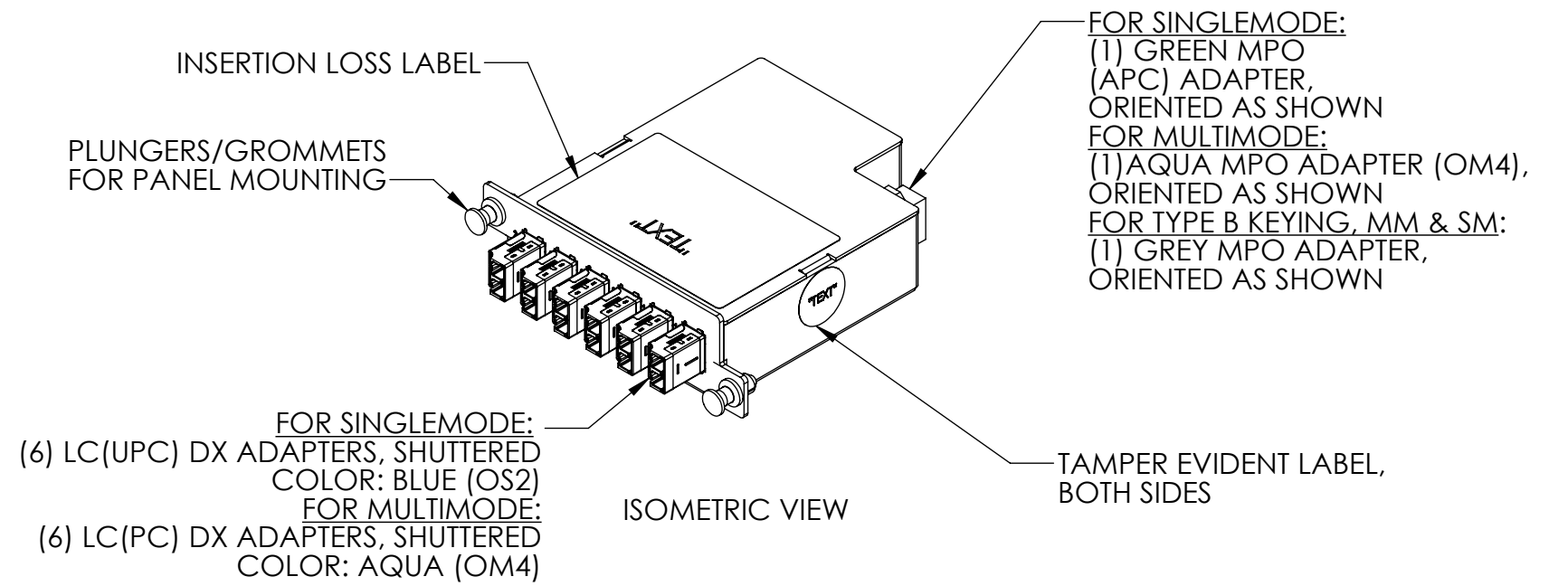


NOTES: UNLESS OTHERWISE SPECIFIED

- OPTICAL PERFORMANCE SHALL BE IN ACCORDANCE PER SPECIFICATION #71800061C. THE TIER LEVELS ARE SHOWN IN TABLE 1.
- THE "GGG" SUFFIX IN THE PART NUMBER DESIGNATES THE FIBER TYPE. SEE TABLE 1.
- PERFORMANCE TIER LEVEL, MPO TYPE IDENTIFIER, & POLARITY ("XYZZ"): NO ENTRY MEANS THE STANDARD CONFIGURATION AS DEFINED IN TABLES 1, 2, & 4. NOTE: WHEN "XYZZ" IS A 'STANDARD' CONDITION, "XYZZ" SHALL BE OMITTED AS A SUFFIX TO LEGRAND ASSEMBLY PART NUMBER.
- A LABEL SHOWING THE INSERTION LOSS VALUES, BY PORT, IS PROVIDED AFFIXED TO THE CASSETTE.
- THE CASSETTE HOUSING IS METAL, POWDER COATED BLACK.
- FIBER #1 ON THE MPO CONNECTION IS POSITIONED TOWARDS THE REFERENCE MARK ON THE ADAPTER.
- THE MPO PORT LABEL IDENTIFIES THE MODE, CORE SIZE, CORRESPONDING FRONT PANEL PORT NUMBERS & POLARITY.
- ALL DIMENSIONS ARE IN INCHES.
- INTERNAL MPO CONNECTORS ARE WITH ALIGNMENT PINS.
- FOR SM CASSETTES WITH TYPE B REAR ADAPTER KEYING, REAR MPO APC CONNECTOR IS REVERSED ANGLED TO FUNCTION WITH LEGRAND STANDARD TRUNK CABLES.
- CONFIGURATIONS OF POLARITY IDENTIFIER "NONE" OR "A2" AND REAR MPO ADAPTER TYPE IDENTIFIER "NONE" OR "A" ARE DESIGNED FOR USE IN ACCORDANCE WITH ANSI/TIA-568.3-D "CONNECTIVITY METHOD A SUPPORTING MULTIPLE DUPLEX SIGNALS". CONFIGURATIONS OF POLARITY IDENTIFIER "B1" AND REAR MPO ADAPTER TYPE IDENTIFIER "C" ARE DESIGNED FOR USE IN PAIRS WITH CONFIGURATIONS OF POLARITY IDENTIFIER "A1" AND REAR MPO ADAPTER TYPE IDENTIFIER "C" IN ACCORDANCE WITH ANSI/TIA-568.3-D "CONNECTIVITY METHOD B SUPPORTING MULTIPLE DUPLEX SIGNALS".
- US PATENT NUMBER 8,398,039.

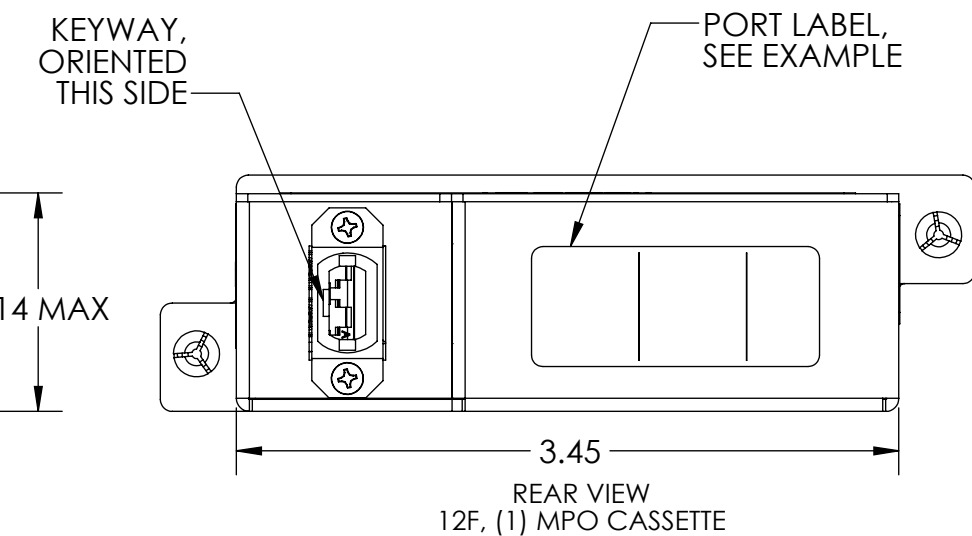
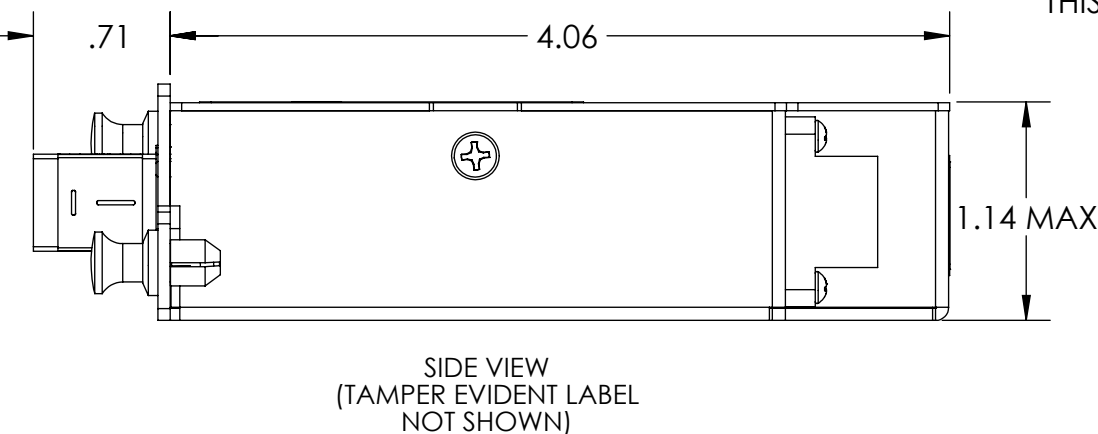
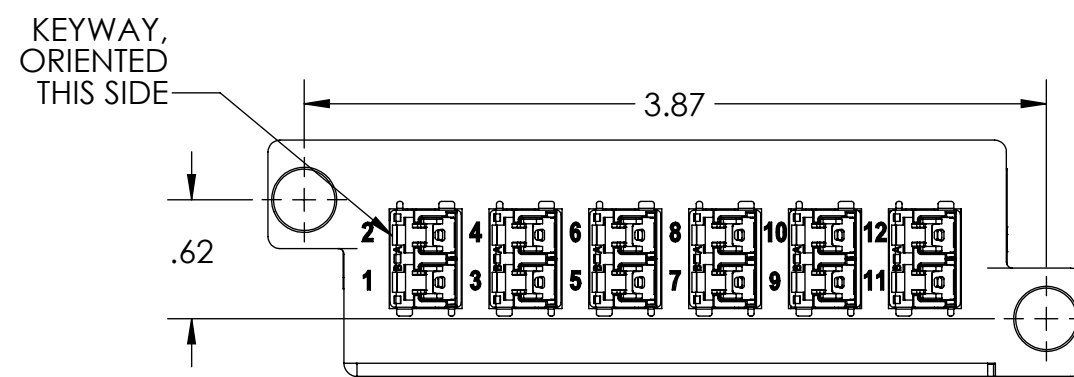


"GGG"	TYPE	"Y"	TIER
09	SM 9/125 (OS2)	NONE	1
		1	1
50E	MM 50/125 (OM4)	3	3

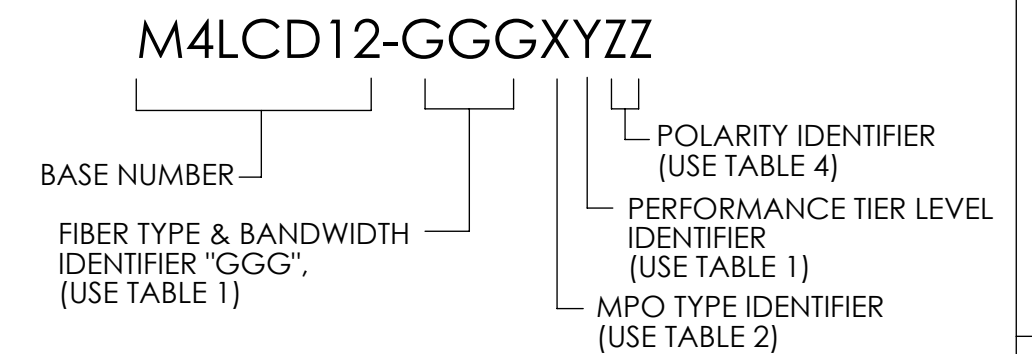
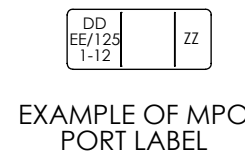
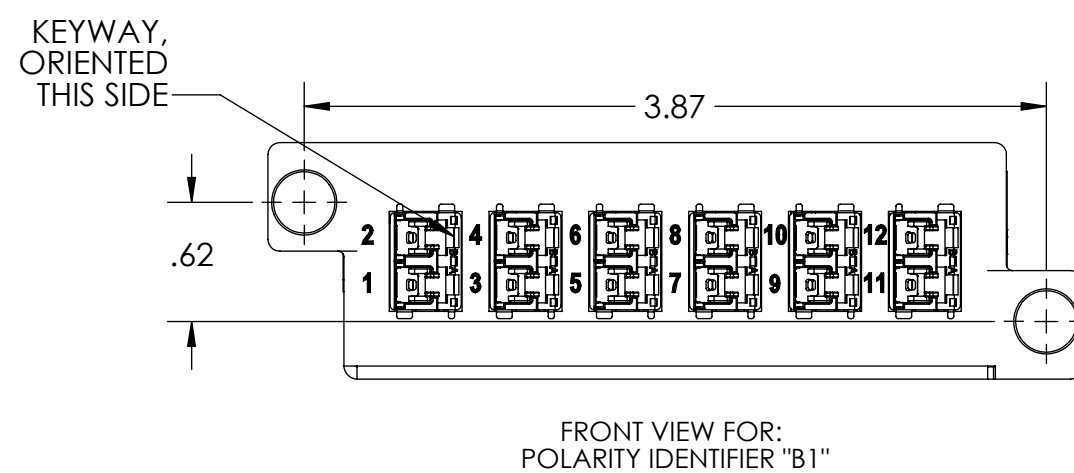
"X"	"TYPE"	"KEYING"	QTY OF REAR ADAPTERS
NONE	TYPE A	KEY UP TO KEY DOWN	1
A		KEY UP TO KEY UP	1
C	TYPE B	KEY UP TO KEY UP	1

"GGG"	"DD"	"EE"
09	SM	9
50E	MM	50

"ZZ"	INTERNAL POLARITY
NONE	TYPE A ARRAY
A1	
A2	TYPE B ARRAY
B1	



INTERNAL FIBER CONNECTION			
MPO REAR PANEL	LC PORT #**		
PORT	FIBER POS #	(ZZ="NONE", "A1" OR "A2")	(ZZ="B1")
1-12	1	1	12
	2	2	11
	3	3	10
	4	4	9
	5	5	8
	6	6	7
	7	7	6
	8	8	5
	9	9	4
	10	10	3
	11	11	2
	12	12	1



\*\* LC PORT NUMBERING: PER FRONT PANEL MARKING

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TITLE  
CASS, M4, 12, MPO(M)-LC, DX

NAME	DATE	SIZE	CAD FILE	DWG NO	REV
DWN	CR	2/14/2014	M4LCD12GGGXZZC	M4LCD12-GGGXYZZ	06
CHK	RJG	1/15/2015			
APPR	RAM	1/16/2015	SCALE 1:2	SHEET	1 OF 1