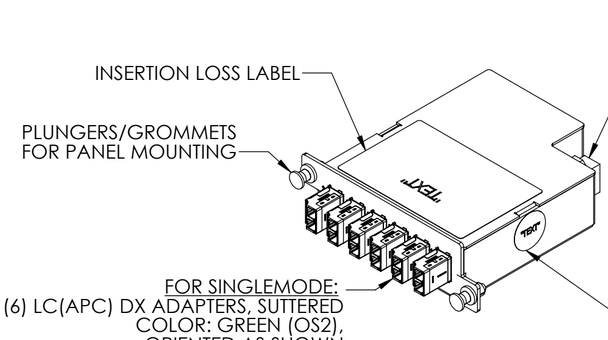
NOTES: UNLESS OTHERWISE SPECIFIED

1. OPTICAL PERFORMANCE SHALL BE IN ACCORDANCE PER SPECIFICATION #71800061C. THE TIER LEVELS ARE SHOWN IN TABLE 2.
2. THE "G" SUFFIX IN THE PART NUMBER DESIGNATES THE FIBER TYPE. SEE TABLE 2.
3. PERFORMANCE TIER LEVEL, MPO TYPE IDENTIFIER, & POLARITY ("XXYZZ"): NO ENTRY MEANS THE STANDARD CONFIGURATION AS DEFINED IN TABLES 2, 3, & 4. NOTE: WHEN "XXYZZ" IS A 'STANDARD' CONDITION, "XXYZZ" SHALL BE OMITTED AS A SUFFIX TO LEGRAND ASSEMBLY PART NUMBER.
4. A LABEL SHOWING THE INSERTION LOSS VALUES, BY PORT, IS PROVIDED AFFIXED TO THE CASSETTE.
5. THE CASSETTE HOUSING IS METAL, POWDER COATED BLACK.
6. FIBER #1 ON THE MPO CONNECTION IS POSITIONED TOWARDS THE REFERENCE MARK ON THE ADAPTER.
7. THE MPO PORT LABEL IDENTIFIES THE MODE, CORE SIZE, CORRESPONDING FRONT PANEL PORT NUMBERS & POLARITY.
8. ALL DIMENSIONS ARE IN INCHES.
9. INTERNAL MPO CONNECTORS ARE WITH ALIGNMENT PINS.
10. CONFIGURATIONS WITH POLARITY IDENTIFIER "UN" AND MPO TYPE IDENTIFIER "A" ARE DESIGNED FOR USE AT BOTH NEAR END AND FAR END WITH A TYPE B:1-1 TRUNK.
11. CONFIGURATIONS OF POLARITY IDENTIFIER "A1" AND MPO TYPE IDENTIFIER "NONE" OR "A" ARE DESIGNED FOR USE IN ACCORDANCE WITH ANSI/TIA-568.3-D "CONNECTIVITY METHOD A SUPPORTING MULTIPLE DUPLEX SIGNALS".
12. CONFIGURATIONS OF POLARITY IDENTIFIER "B1" AND MPO TYPE IDENTIFIER "B" ARE DESIGNED FOR USE IN PAIRS WITH CONFIGURATIONS OF POLARITY IDENTIFIER "A1" AND MPO TYPE IDENTIFIER "B" IN ACCORDANCE WITH ANSI/TIA-568.3-D "CONNECTIVITY METHOD B SUPPORTING MULTIPLE DUPLEX SIGNALS".
13. US PATENT NUMBER 8,398,039 AND FOR SINGLE MODE QUANTUM, PATENT PENDING.

TABLE 1	
"BBB"	FRONT PNL ADAPTER
LA	LC (APC)
LC	LC (PC OR UPC)

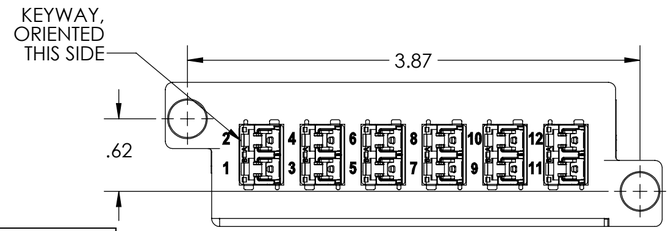
TABLE 2				
"G"	TYPE	"Y"	TIER	
A	MM 62.5/125 (OM1)	NONE	1	CORE
		1	1	
H	MM 50/125 (OM4)	1	1	CORE
		NONE	3	ULTRA
		3	3	
		4	4	QUANTUM
J	SM 9/125 (OS2)	NONE	1	CORE
		1	1	
		2	2	ULTRA
		3	3	QUANTUM
W	MM 50/125 (OM5)	NONE	4	QUANTUM
		4	4	



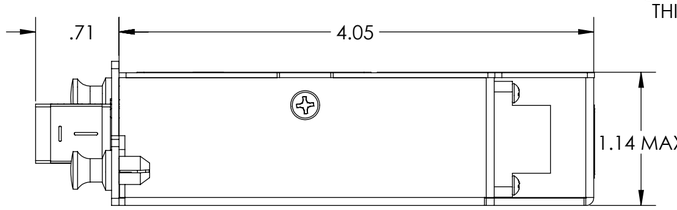
ISOMETRIC VIEW

TABLE 3			
"XX"	"TYPE"	"KEYING"	QTY OF REAR ADAPTERS
NONE	TYPE A	KEY UP TO KEY DOWN	1
1A			
1B	TYPE B	KEY UP TO KEY UP	1

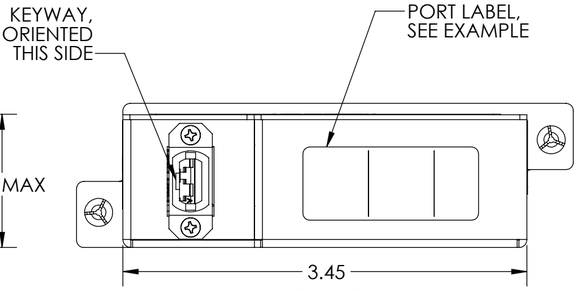
TABLE 4	
"ZZ"	POLARITY
A1	TYPE A
B1	TYPE B
C1	REVERSE PAIR POSITION
NONE	UNIVERSAL
UN	



FRONT VIEW FOR:
POLARITY IDENTIFIER "NONE", "A1", C1", OR "UN"



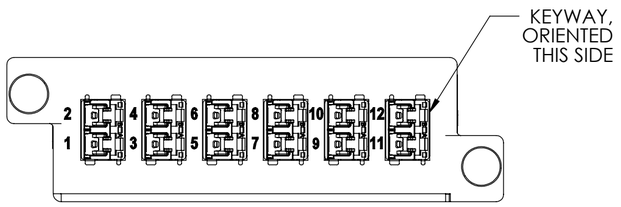
SIDE VIEW
(TAMPER EVIDENT LABEL NOT SHOWN)



REAR VIEW
24F, (1) MPO CASSETTE

TABLE 5					
INTERNAL FIBER CONNECTION					
MPO REAR PANEL		LC PORT #**			
PORT	FIBER POS #	(ZZ="A1")	(ZZ="B1")	(ZZ="C1")	(ZZ="UN")
1-12	1	1	12	2	1
	2	2	11	1	3
	3	3	10	4	5
	4	4	9	3	7
	5	5	8	6	9
	6	6	7	5	11
	7	7	6	8	12
	8	8	5	7	10
	9	9	4	10	8
	10	10	3	9	6
	11	11	2	12	4
	12	12	1	11	2

** LC PORT NUMBERING:
PER FRONT PANEL MARKING



FRONT VIEW FOR:
POLARITY IDENTIFIER "B1"

EXAMPLE OF MPO PORT LABEL

LM4-BBB12G-XXYZZ

- BASE NUMBER
- FRONT ADAPTER TYPE (TABLE 1)
- NUMBER OF FIBERS
- FIBER TYPE & BANDWIDTH IDENTIFIER "G", (USE TABLE 2)
- REAR MPO QUANTITY (USE TABLE 3)
- MPO TYPE IDENTIFIER (USE TABLE 3)
- PERFORMANCE TIER LEVEL IDENTIFIER (USE TABLE 2)
- POLARITY IDENTIFIER (USE TABLES 5 & 6)

PART NUMBER LEGEND

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

	NAME	DATE
DWN	TK	11/19/2019
CHK	RJG	11/21/2019
APPR	LH	11/22/2019

SIZE	CAD FILE	DWG NO	REV
C	LM4BBB12G1XYZZC	LM4-BBB12G-XXYZZ	01

SCALE 1:2 SHEET 1 OF 1