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3

2

REV
A

1

DESCRIPTION
ORIGINAL RELEASE ECN # 15708

DATE
3/26/2026

ENGINEER
E. HESS

MATING FACE

PIN 5

PIN 1

PIN 9

PIN 6

9 PIN FML

MATING FACE

P2

9 POS FML
D-SUB

XX.XX" TYP.

SLOT A1

PIN 1

PIN 8

SLOT B1

SLOT B17

MATING FACE

J1

MATING COMPONENTS

ITEM	PART NUMBER	QTY
MODULE	510171101	1
MCRCX FLYING PATCHCORD	7-361924000-036	1
VTAC MCRCX INSERT	510181104	1
QP FLYING PATCHCORD	7-121924000-036	9
VTAC/QP INSERT	510181101	3
VTAC BLANK INSERT	610151102	29

VPC P/N	LENGTH
540366010X71 WHERE X=	XX.XX"
1	20.00" [508]
2	36.00" [914]
6	48.00" [1219]
9	60.00" [1524]
5	72.00" [1829]

DIMENSION DESIGNATOR LABELS PER ES6 UNLESS OTHERWISE SPECIFIED.

VPC BREAKOUT TOLERANCES UNLESS SPECIFIED REFERENCE ENGINEERING SPECIFICATION 4

IF	THEN
BUNDLE SIZE IS SMALLER THAN THE CONNECTOR ENVELOPE & STRAIN RELIEF IS OFFSET	3.50 +/- 1.00
BUNDLE SIZE IS SMALLER THAN THE CONNECTOR ENVELOPE & STRAIN RELIEF IS CENTERED	4.50 +/- 1.00
BUNDLE SIZE IS LARGER THAN THE CONNECTOR ENVELOPE	5.50 +/- 1.00

TORQUE ALL SCREWS PER ES2 UNLESS OTHERWISE SPECIFIED.

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.

RELATIVE CONNECTOR POSITIONS AND WIRE ROUTING ARE GENERIC AND MAY VARY WITH PINOUT

NOMINAL LENGTH	TOLERANCE
0 - 11.99"	+1.00/-0.00
12.00 - 59.99"	+2.00/-1.00
60.00 - 119.99"	+4.00/-1.00
120.00 - 299.99"	+6.00/-1.00
300.00" - UP	+5 %/- 1.00

CUSTOMER DRAWING



CBA SMB PLUG/9POS DSUB FML

DWG.NO.		REV
540366010X71		A
SIZE	SCALE	CAGE CODE
B	NONE	18117
		SHEET
		1 OF 2

2. BLANK VTAC INSERTS WILL BE LOCATED IN THE FOLLOWING SLOTS: A3-A17(15), B4-B17(14).

1. FOR APPLICATION USE AND CARE INFORMATION CONSULT VPC USERS GUIDE @ WWW.VPC.COM.

NOTES:

Run #	From Location (Conn - Pin)	From Contact	VTAC Adapter	From Signal Desc	Wire AWG	Wire/Patchcord P/N	Wire Color	To Location (Conn-Pin)	To Contact	Notes
1	J1-A1-1	610140101	510180104	MCRCX PIN1	RG316	7-362116527-XXX	TAN	P1	008550	
2	J1-B1-1	610138216	510180101	QP 1	24	7-124924546-XXX	WHT	P2-1	960038	
3	J1-B1-2	610138216	(510180101)	QP 2	24	7-124924546-XXX	WHT	P2-2	960038	
4	J1-B1-3	610138216	(510180101)	QP 3	24	7-124924546-XXX	WHT	P2-3	960038	
5	J1-B1-4	610138216	(510180101)	QP 4	24	7-124924546-XXX	WHT	P2-4	960038	
6	J1-B2-1	610138216	510180101	QP 5	24	7-124924546-XXX	WHT	P2-5	960038	
7	J1-B2-2	610138216	(510180101)	QP 6	24	7-124924546-XXX	WHT	P2-6	960038	
8	J1-B2-3	610138216	(510180101)	QP 7	24	7-124924546-XXX	WHT	P2-7	960038	
9	J1-B2-4	610138216	(510180101)	QP 8	24	7-124924546-XXX	WHT	P2-8	960038	
10	J1-B3-1	610138216	510180101	QP 9	24	7-124924546-XXX	WHT	P2-9	960038	