

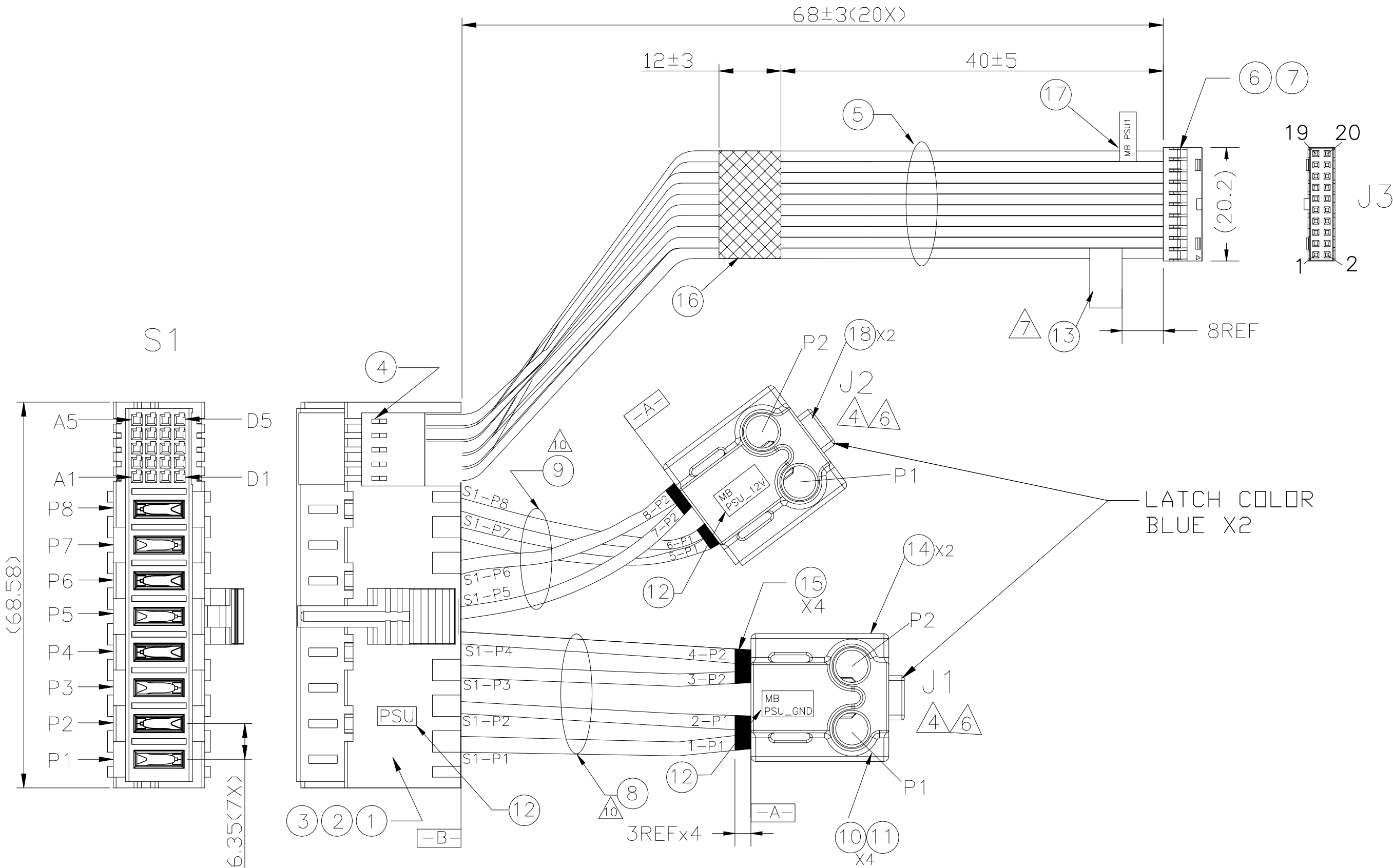
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	Added contact plating information	31JUL2022	TZ	WY

D

C

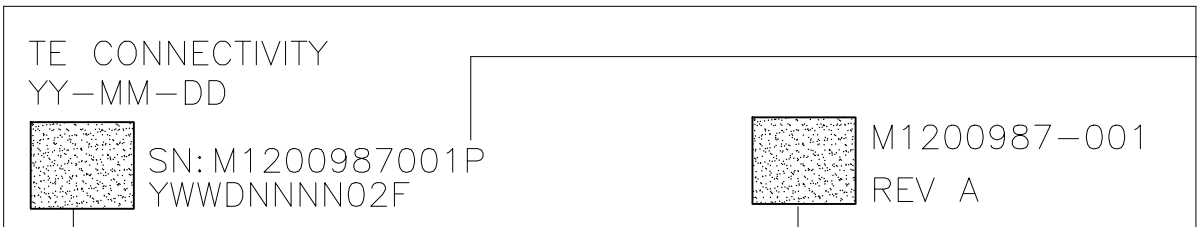
B

A



NOTES:

- 100% OPEN,SHORT,MIS-WIRE TEST,HI-POT
- NON-HALOGEN FREE
- ALL LABELS CAN BE ATTACHED TO WIRES BACK TO BACK OR WRAP AROUND BULK CABLE IF POSSIBLE
- Current Rating: 175A
VOLTAGE: 12V
- ALL MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
- RAPID LOCK MATING TE PN: 2401467-X
- LABEL FORMAT



"P" MEANS: ASSEMBLY TYPE
TEXT HEIGHT: 4 POINT ARIAL

READING: M1200987-001

- "02F"Means: Factory of origin/country code:
"NNNN"Means: Sequential number from 0001 to 9999, Resets daily:
"D"Means: Day of the week manufactured:
"WW"Means: Work Week manufactured :
"Y"Means: Last digit of the year manufactured :

READING: M1200987001PYWWDNNNN02F

- NO REACH SvHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SvHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702

M1200987-001	2388696-1
MSFT PN	TE PN

2	PC	LOCKING PIN LATCH, BLUE	18
1	PC	LABEL,9.5*30MM,WHITE OR EQUIVALENT	17
AR	MR	ACETATE TAPE,BLACK, WIDTH=12±3MM	16
AR	MR	HEAT SHRINK TUBE, BLACK	15
2	PC	2 POS RAPID LOCK HSG - TOP LATCH, BLACK	14
1	PC	LABEL,9.5*60mm	13
3	PC	LABEL,9.9*8.4*1.0MM,WHITE OR EQUIVALENT	12
4	PC	CROWN CONTACT, 1/4. Au: 0.254um PLATING	11
4	MR	RAPID LOCK SOCKET, SIZE #4, 5um Min, SILVER PLATING	10
AR	MR	UL3132,8AWG,RED, SILICONE RUBBER SUPER FLEXIBLE	9
AR	MR	UL3132,8AWG,BLACK, SILICONE RUBBER SUPER FLEXIBLE	8
20	PC	2.0MM PITCH CRIMP CONTACT,22AWG-26AWG, Au:30u" PLATING	7
1	PC	HOUSING 2*10P, PITCH 2.0MM, BLACK	6
AR	MR	UL1007,WIRE,BLACK,24AWG,FLEXIBLE	5
20	PC	SIGNAL CONTACT FOR 24AWG, Au:30u" PLATING	4
8	PC	SECONDARY LOCK, BLACK OR WHITE COLOR	3
8	PC	MB-XLE, CONTACT, STD,Au:30u" PLATING	2
1	PC	SQUEEZE REL RECEPT ASSY, BLACK	1
QTY	UNIT	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN VM	11MAR2021		
		CHK	-		
DIMENSIONS: mm		APVD WY	11MAR2021	NAME	
		PRODUCT SPEC	-	MB-XLE TO RAPID LOCK	
		APPLICATION SPEC	-		
		WEIGHT	0	SIZE	CAGE CODE
		CUSTOMER DRAWING	SCALE 1:1	DRAWING NO	RESTRICTED TO
				A2 00779	C=2388696
				SHEET 1 of 3	REV B1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

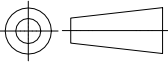
9. TOLERANCES DEFINED IN THE WIRING CHART MAY CHANGE AFTER THE PROCESS CAPABILITY STUDY. (IN SHEET 2)
10. FOR THE WIRE LENGTH ALONG S1-J1 AND S1-J2, KINDLY REFER TO THE POWER WIRING CHART ON THE TOP RIGHT.
11. SECONDARY LOCK COLOR WHITE OR BLACK ALL CAN BE USED
12. THE CABLE ASSEMBLY SHOULD BE UL AND RoHS2(2011/65/EU) COMPLIANT.

SIGNAL WIRE CHART	
S1	J3
A1	7
A2	8
A3	9
A4	2
A5	3
B1	10
B2	18
B3	4
B4	14
B5	15
C1	20
C2	11
C3	5
C4	1
C5	6
D1	12
D2	13
D3	19
D4	16
D5	17

10 9 POWER WIRING CHART:

S1		J1/J2	LENGTH FROM DATUM A TO B	WIRE SIZE	WIRE COLOR
Power	S1-P8	6-P1	31±2	8AWG	RED
	S1-P7	5-P1	34±2		
	S1-P6	8-P2	41±2		
	S1-P5	7-P2	45±2		
Return	S1-P4	4-P2	33±2	8AWG	BLACK
	S1-P3	3-P2			
	S1-P2	2-P1			
	S1-P1	1-P1			

M1200987-001	2388696-1
MSFT PN	TE PN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN VM	11MAR2021	 TE Connectivity	
		CHK -	-		
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC	± -	APVD WY	11MAR2021
		1 PLC	± -	PRODUCT SPEC	
		2 PLC	± -	APPLICATION SPEC	
		3 PLC	± -		
		4 PLC	± -		
		ANGLES	± -		
MATERIAL -		FINISH -		WEIGHT 0	
CUSTOMER DRAWING				SIZE A2	CAGE CODE 00779
				DRAWING NO C-2388696	RESTRICTED TO -
				SCALE 1:1	SHEET 2 of 3
				REV B1	

4

3

2

1

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

2388696

REVISION HISTORY

DATE	REV	CHANGES	REASON	APPROVAL
07JAN2022	14	UPDATE HGS DIMENSION 68.58mm	CUSTOMER REQ	TZ/WY
27APR2022	15	NOTE 12 ADDED IN ORDER TO IDENTIFY THE SHIPING CONTAINER WITH UL/CSA CERTIFICATION LABELS. ADDED TRACEABILITY LABEL ITEM 18, NOTE 13	INTERNAL REQ	GA/WY
01JUL2022	A	GTP - REVISED PER ECN-22-161590	INTERNAL REQ	RL/WY
11JUL2022	B	REVISED PER ECR-22-145514	CUSTOMER REQ	RL/WY
31JUL2022	B1	REVISED PER ECR-22-147379 (ADD CONTACT PLATING INFORMATION)	CUSTOMER REQ	TZ/WY

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-

FINISH
-

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

DWN
VM
CHK
-

11MAR2021

APVD
WY
PRODUCT SPEC
APPLICATION SPEC
-

11MAR2021

WEIGHT
0

CUSTOMER DRAWING

TE Connectivity

NAME
MB-XLE TO RAPID LOCK

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2388696

RESTRICTED TO
-

SCALE
1:1

SHEET
3 OF 3

REV
B1

1471-9 (1/15)

2388696