

NOTES :

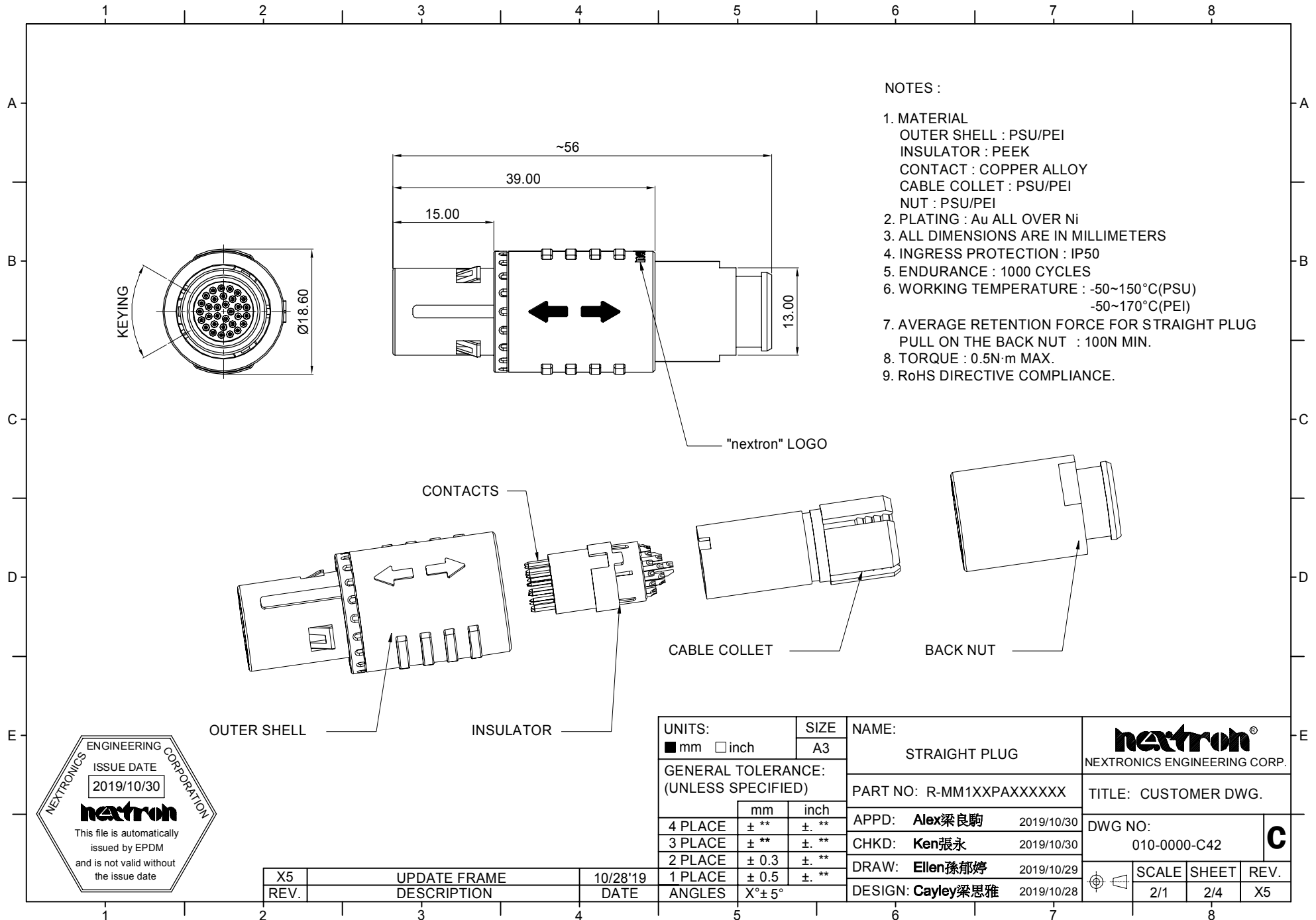
1. MATERIAL  
 OUTER SHELL : PSU/PEI  
 INSULATOR : PEEK  
 CONTACT : COPPER ALLOY  
 CABLE COLLET : PSU/PEI  
 NUT : PSU/PEI
2. PLATING : Au ALL OVER Ni
3. ALL DIMENSIONS ARE IN MILLIMETERS.
4. INGRESS PROTECTION : IP50
5. ENDURANCE : 1000 CYCLES
6. WORKING TEMPERATURE : -50~150°C(PSU)  
 -50~170°C(PEI)
7. AVERAGE RETENTION FORCE FOR STRAIGHT PLUG  
 PULL ON THE BACK NUT : 100N MIN.
8. TORQUE : 0.5N·m MAX.
9. RoHS DIRECTIVE COMPLIANCE.



REV.	DESCRIPTION	DATE
X5	UPDATE FRAME	10/28'19

UNITS: ■ mm □ inch	SIZE A3	NAME: STRAIGHT PLUG	NEXTRONICS ENGINEERING CORP.								
GENERAL TOLERANCE: (UNLESS SPECIFIED)		PART NO: R-MM1XXPAXXXXXX	TITLE: CUSTOMER DWG.								
4 PLACE	± **	mm	APPD: Alex梁良駒	2019/10/30	DWG NO: 010-0000-C42						
3 PLACE	± **	inch	CHKD: Ken張永	2019/10/30							
2 PLACE	± 0.3	mm	DRAW: Ellen孫郁婷	2019/10/29	<table border="1"> <tr> <th>SCALE</th> <th>SHEET</th> <th>REV.</th> </tr> <tr> <td>2/1</td> <td>1/4</td> <td>X5</td> </tr> </table>	SCALE	SHEET	REV.	2/1	1/4	X5
SCALE	SHEET	REV.									
2/1	1/4	X5									
1 PLACE	± 0.5	inch	DESIGN: Cayley梁思雅	2019/10/28							
ANGLES	X° ± 5°										

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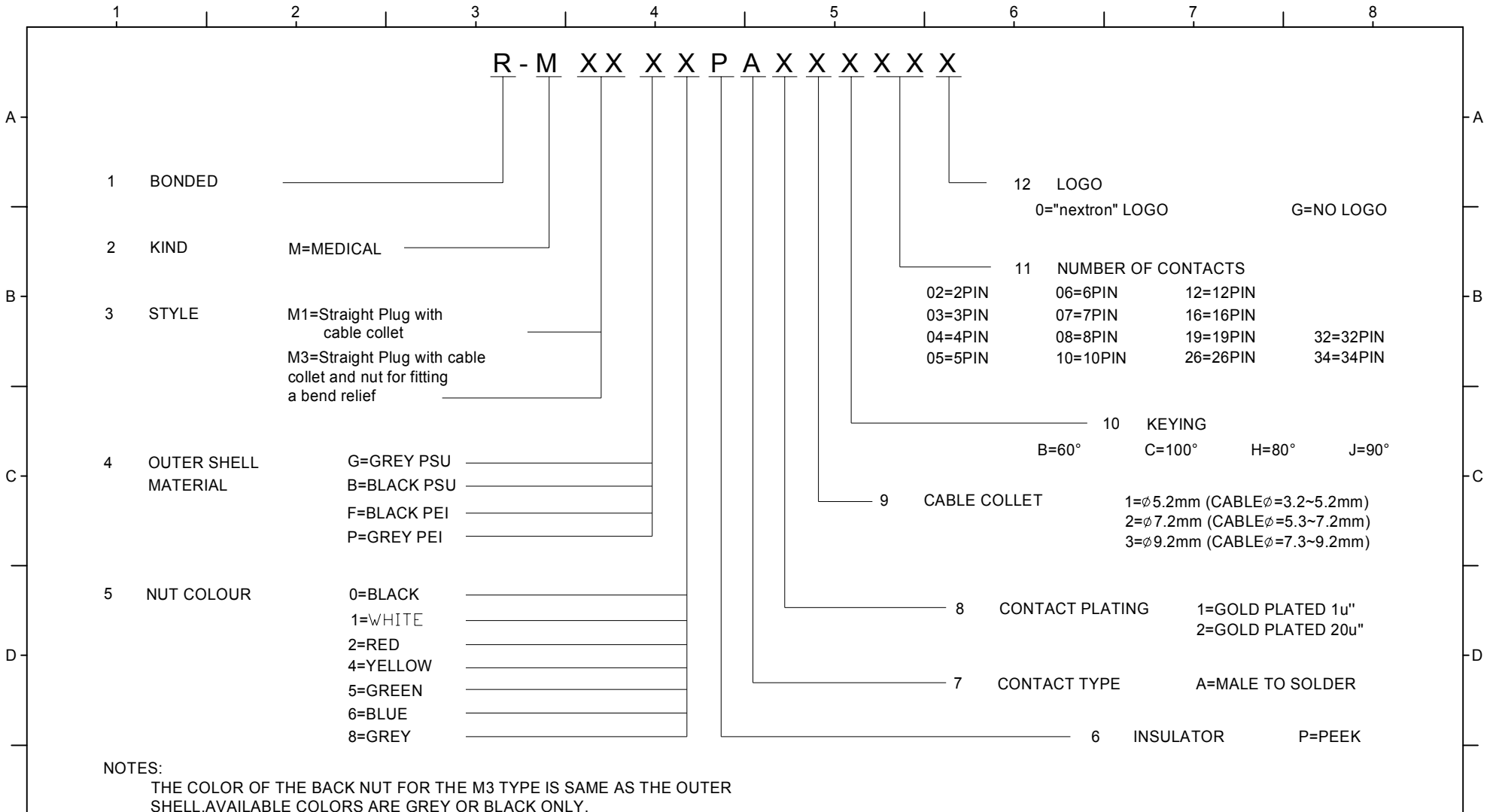
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NEXTRONICS ENGINEERING CORPORATION  
 ISSUE DATE  
 2019/10/30  
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NOTES:  
THE COLOR OF THE BACK NUT FOR THE M3 TYPE IS SAME AS THE OUTER SHELL, AVAILABLE COLORS ARE GREY OR BLACK ONLY.



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INSERT DATA SHEET

NUMBER OF CONTACTS	2	3	4	5	6	7	8	10	12	16	19
VIEW FROM TERMINATION SIDE											
CONTACT Ø(mm)	2.0	1.6	1.3	1.3	1.3	1.3	0.9	0.9	0.7	0.7	0.7
SOLDER BUCKET Ø(mm)	1.8	1.4	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.8
RATED CURRENT(A)	30	17	15	14	12	11	10	8.0	7.0	6.0	5.0

INSERT DATA SHEET

NUMBER OF CONTACTS	26	32	34
VIEW FROM TERMINATION SIDE			
CONTACT Ø(mm)	0.5	0.5	0.5
SOLDER BUCKET Ø(mm)	0.4	0.4	0.4
RATED CURRENT(A)	2.0	1.5	1.5

ALIGNMENT KEY

KEYING (PLUG FRONT VIEW)				
	REFERENCE	B	H	J



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				REV. X5

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