

DOCUMENT CHANGE REQUEST

DCR number 529 Changes required for: N/A Originator: Olivier Masson Chief

Status: IMPLE	EMENTED			
Title:	Connectors Electrical Rectangula	ar Microminiature	e, based on type	MDM
Number:	3401/029	Issue:	5	
Other documen	ts affected:			
Page:				
Variants size 5	1 FR139 to be added			
Paragraph:				
Variants size 5	1 FR139 to be added			
Original wording	g:			
Proposed word	ing:			
New variant to	be added after page 26 of the 340	1/029 issue 5		
Justification:				
Variants added	in the re-qualification programm a	and tested succe	ssfully	
Attachments:				
DCR529att.pdf	, DCR529_change_wording.pdf, n	ull	-	
Modifications:				
Additional chair	and required to fully implement thi	in DCD area		

Additional changes required to fully implement this DCR are:

Page 7, Table 1(a), replace "N/A" for Max. Weight (g) for shell size 51 for FR139 by 10.5

Clarify addition of new Pages 27 & 28, new Figures 2.2I & 2.2J based on the drawing provided in DCR529 (with 51 contacts), similar to Figures 2.2G & 22.H including notes (see attached mark-ups).

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Figure 2.2I – Connectors Type -FR139

Plug Male Contacts

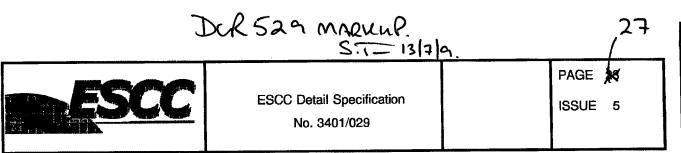
Figure 2.2J - Connectors Type -FR139

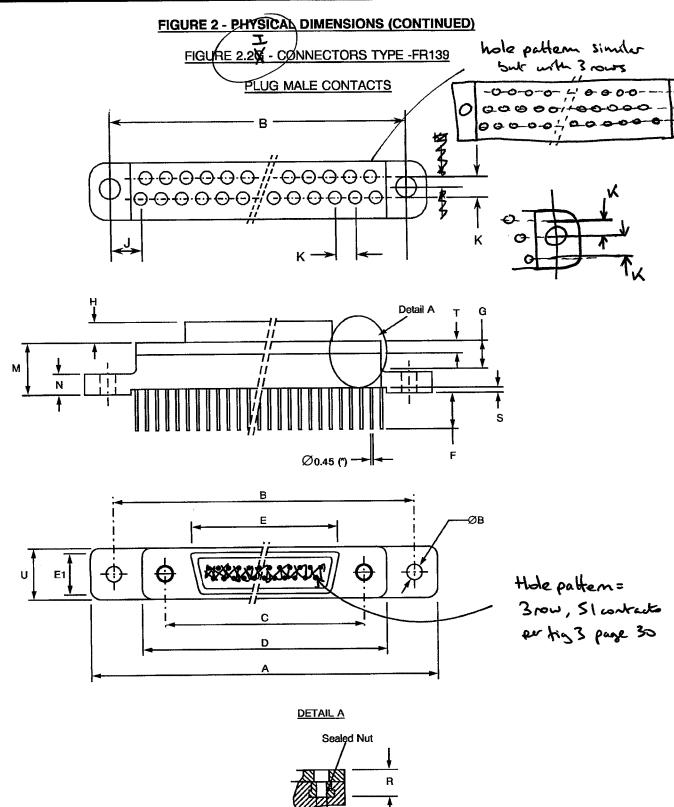
Receptacle Female Contacts

Page 24 & 26, Figures 2.2G & 2.2H, delete note 2 and renumber subsequent notes accordingly.

Approval signature:

12. Cari-q	
Date signed:	
2009-07-06	





ESCC Detail Specification

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FIGURE 2 - PHYSICAL DIMENSIONS (CONTINUED)

FIGURE 2.2G - CONNECTOR TYPE - FR139 (CONTINUED)

	т Б	Min. Max. THD.	4.6 4.72 5.72 4.8 4.72 5.72 4.6 4.72 5.72 4.6 4.72 5.81 4.6 4.72 5.81
4.15 4.85	ĿI	Min. Max.	4.15 4.15 4.15 4.85 4.16 4.85 4.15 4.85 4.15 4.85
24.97 5.78	田	Max.	69. 68. 69. 69. 69. 69. 69.
73 30.99 36.5 24.97 5.79	Ш	Мах.	8.46 16.08 18.62 22.49 26.24
30.99 36.5	а	Max.	19.94 23.75 27.56 30.10 37.72
30.99	OI	Max.	14.48 18.29 22.1 24.64 28.45 32.26
3 5년 8		Min.	14.22 18.08 27.84 24.38 28.19 32.0
2.59	ØB (4)(3)	Max.	2.59 2.59 2.59 2.59 2.59 2.59
2.51	Ø	Min.	2.3.3.4.2.3.4.2.3.4.2.3.4.2.3.4.2.3.4.2.3.4.2.3.4.2.3.4.3.4
53.52	<u>a</u> l	Мах.	29.39 29.39 37.01 38.88 45.3 53.52
Sa.44 53.16 53.52 2.31		Min.	29.03 29.03 36.65 37.92 45.54 53.16
59.44	<	Max.	35.31 35.81 44.2 31.82 59.44
18	log o	Size	0 2 2 2 E E
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1	၈ ^{နှ}	2.54	T	8.62	9.02	4.0	2.4	8.4.6 8.6	0.9 A	1:1	2,23	2,49	7.82
	0 %	45.52		8,62	9.02	4.0	42.5	4.6	6.0	1.	2.23	64.0	200
	8 8	2.54	14	8.62	9.02	4.0 4.0	4.2	4.6	6:0 6:0	= = =	/2.23 2.23	84.9 84.84	7.82
/	37	2.54		8.62	9.05	4.0	4.2	4.6	6.0	1.1	2.23	2.49	7.82
ا ر	15	7.54	R.	8.62	4.02	t	4.2	+	6.0	₹	2.23	2.49	σ
1. All dimensions are in millimetres. P. For Oricety to Para, 4-5-3-3 of this specification. 3. Øg: 2-56-UNC-2B. 4. Maximum torque 0.44Nm.	e in milli Cara 4:6 B. 0.44Nm.	metres. 2.304-fbi	SSDBOILE		obdut u1	7							



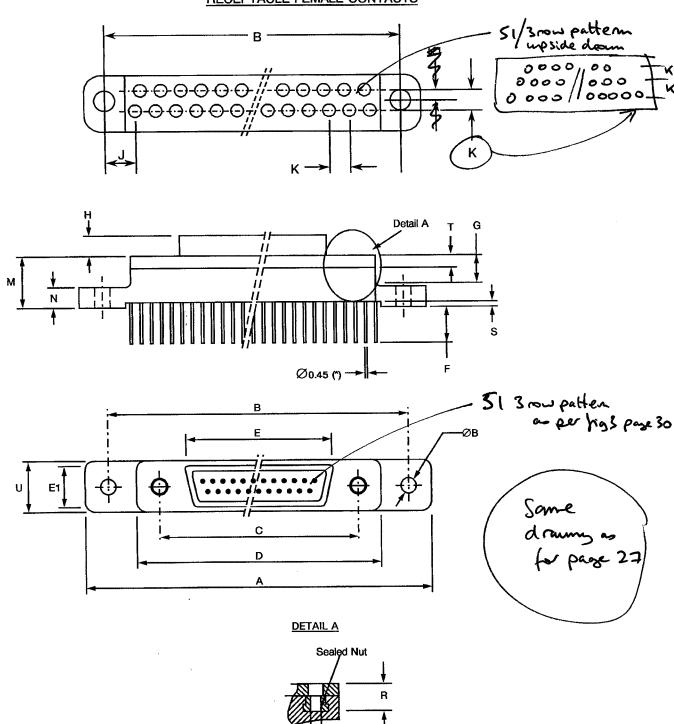
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FIGURE 2 - PHYSICAL DIMENSIONS (CONTINUED)

FIGURE 2.2H - CONNECTORS TYPE -FR139

RECEPTACLE FEMALE CONTACTS



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PAGE 28

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ISSUE

ESCC Detail Specification No. 3401/029 FIGURE 2 - PHYSICAL DIMENSIONS (CONTINUED)

FIGURE 2.2H - CONNECTOR TYPE - FR139 (CONTINUED)

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(4.45		Max.	4.85 7.85 7.85 7.85 7.85 7.85 7.85 7.85 7
<u>a</u>	58.4 51.4	田	Min.	21.4.4.4.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2
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PTACLE FEMALE CONTACTS (CONTINUED)	36.5	О	Max.	19.94 28.35 27.56 30.10 33.91 37.72
OLE FEM	73 30.99		Max.	14.48 18.29 22.1 24.64 28.45 32.26
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	2.21	ØB	Min.	2.31 2.31 2.31 2.31 2.31
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	53.16	ΔI	Min.	29.03 29.03 36.65 37.92 45.94 53.16
(59.44	4	Max.	35.31 42.93 44.2 51.82 59.44
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	Size		Min.	Мах.	Min.	Max.	Min.	Min.	Мах.	Min.	Max.	Мах.
	6 -	(.27	8.62	9.02	4.0	4.2	4.6	0.9	1.1	2.23	2.49	7.82
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	8	124	8.62	9,02	4.0	4.2	4.6	6.0	7;	12.23	2.48	7.82
	9	¥	8.62	79.02	4. Š	4.2	8.	0.9) - -	27.23	62/49	7/82
	37	1,27	8.62	9.02	4.0	4.2	4.6	0.9	1.1	2.23	2.49	7.82
NOTES	15		29.8	20·6	+	4.2	t	ó	Ξ	2.23	2.23 2.49	م.
1. All dimensions are in millimetres.	in millime		:									
A Car 2-56-UNC-2B.	\$ \frac{1}{2} \fra		Arcs spectacous and	క								
3 4. Maximum torque 0.44Nm.	.44Nm.	\~	Ly K. KI	2								
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