



TERMINAL A1 CORNER
INDEX AREA



LID (CAVITY UP OPTIONAL)

15

(4X)

TOP VIEW



LID AREA
TY DOWN)

13

SD

19

4X Q

SIDE VIEW

DETAIL B—

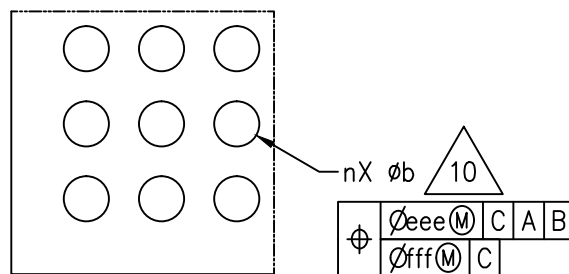
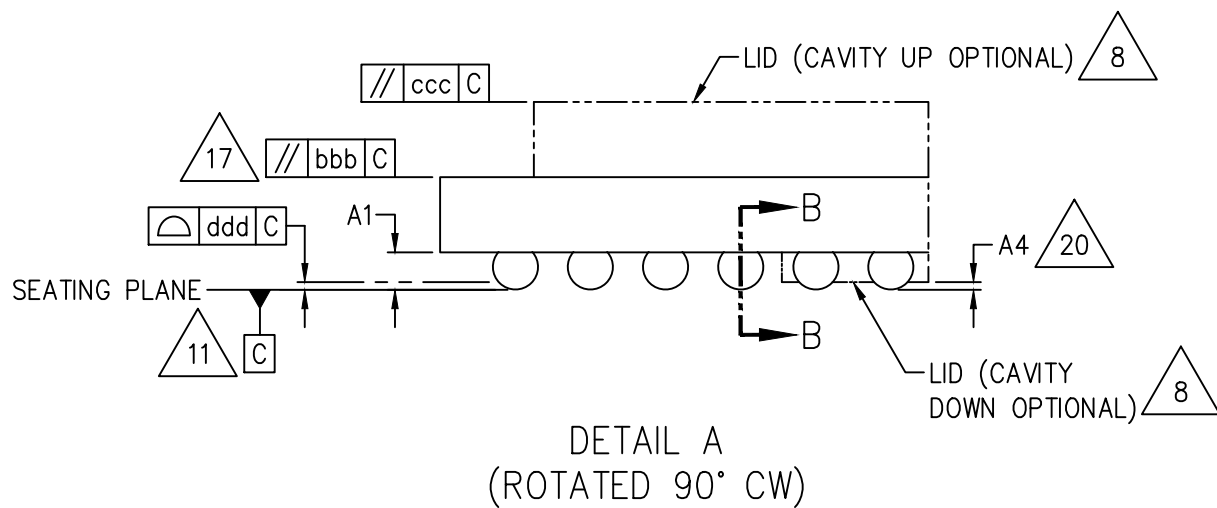
BOTTOM VIEW

3

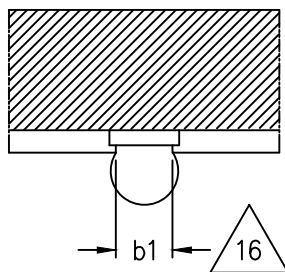
7

THIS *STANDARD OUTLINE* HAS BEEN PREPARED BY THE JEDEC JC-11 COMMITTEE AND REFLECTS A PRODUCT WITH ANTICIPATED USAGE IN THE ELECTRONICS INDUSTRY; CHANGES ARE LIKELY TO OCCUR.

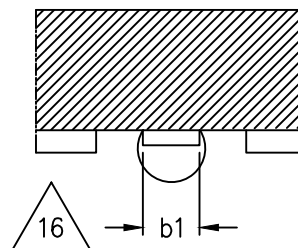
SHEET
1 OF 19



TYPE 1 – SMD
(SOLDER MASK DEFINED)



TYPE 2 – NSMD
(NON SOLDER MASK DEFINED)



SECTION B-B

TABLE 1

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	070			080		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 0.60	----	0.70	> 0.70	----	0.80
A2	----	----	0.35	----	----	0.45
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		

TABLE 1 CONTINUED

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	090			100		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 0.80	----	0.90	> 0.90	----	1.00
A2	----	----	0.55	----	----	0.65
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		

TABLE 1 CONTINUED

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	110			120		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 1.00	----	1.10	> 1.10	----	1.20
A2	----	----	0.75	----	----	0.85
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		

TABLE 1 CONTINUED

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	130			140		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 1.20	----	1.30	> 1.30	----	1.40
A2	----	----	0.95	----	----	1.05
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		

TABLE 1 CONTINUED

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	150			160		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 1.40	----	1.50	> 1.50	----	1.60
A2	----	----	1.15	----	----	1.25
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		

TABLE 1 CONTINUED

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	170			180		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 1.60	----	1.70	> 1.70	----	1.80
A2	----	----	1.35	----	----	1.45
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		

TABLE 1 CONTINUED

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	190			200		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 1.80	----	1.90	> 1.90	----	2.00
A2	----	----	1.55	----	----	1.65
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		

TABLE 1 CONTINUED

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	210			220		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 2.00	----	2.10	> 2.10	----	2.20
A2	----	----	1.75	----	----	1.85
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		

TABLE 1 CONTINUED

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	230			240		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 2.20	----	2.30	> 2.30	----	2.40
A2	----	----	1.95	----	----	2.05
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		

TABLE 1 CONTINUED

COMMON DIMENSIONS						
SYMBOL	P = PACKAGE PROFILE HEIGHT					
	250			260		
	MIN	NOM	MAX	MIN	NOM	MAX
A	> 2.40	----	2.50	> 2.50	----	2.60
A2	----	----	2.15	----	----	2.25
A3	DESIGN SPECIFIC			DESIGN SPECIFIC		
A4	0.10	----	----	0.10	----	----
Q	0.25	----	----	0.25	----	----
NOTES	1, 2, 9			1, 2, 9		
REF	11-723S, 11-890, 11-933S			11-723S, 11-890, 11-933S		
ISSUE	G			G		