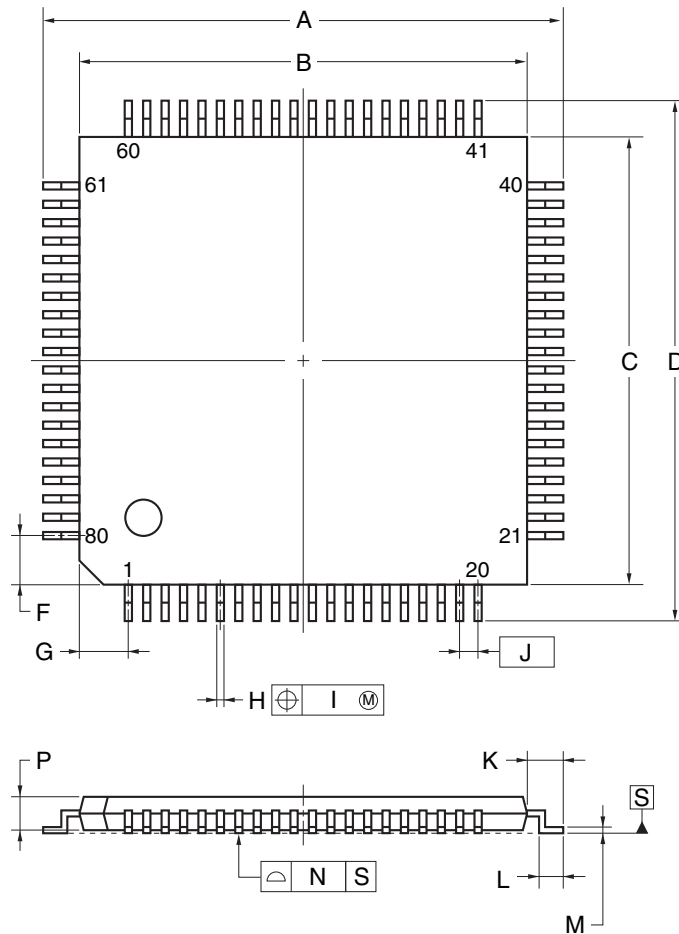
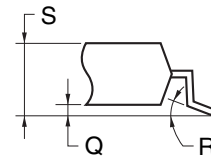


JEITA Package Code	RENESAS Code	Previous Code	MASS (TYP.) [g]
P-TFQFP80-12x12-0.50	PTQP0080KD-D	S80GK-50-9EU-2	0.41



detail of lead end



ITEM	MILLIMETERS
A	14.0±0.2
B	12.0±0.2
C	12.0±0.2
D	14.0±0.2
F	1.25
G	1.25
H	0.22±0.05
I	0.10
J	0.5 (T.P.)
K	1.0±0.2
L	0.5±0.2
M	0.145±0.05
N	0.10
P	1.0±0.05
Q	0.1±0.05
R	3°+7° -3°
S	1.2 MAX.

NOTE

Each lead centerline is located within 0.10 mm of its true position (T.P.) at maximum material condition.